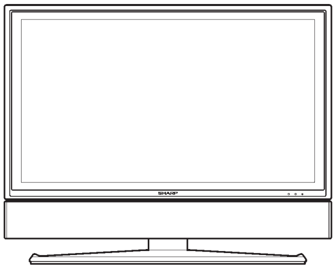
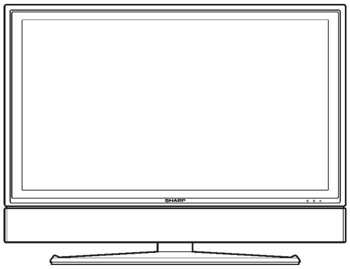
SHARP

SERVICE MANUAL

S64U5LC37GD1E



LC-32GD1E



LC-37GD1E

LCD COLOUR TELEVISION (Display)

MODELS LC-32GD1E LC-37GD1E

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

CONTENTS

Page
- IMPORTANT SERVICE SAFETY PRECAUTION 2
- SPECIFICATIONS 4
- OPERATION MANUAL 5
- DIMENSIONS 8
- REMOVING OF MAJOR PARTS 9
- ADJUSTMENT PROCEDURES 17
- TROUBLE SHOOTING TABLE 24
- CHASSIS LAYOUT 28

Page
- BLOCK DIAGRAM 30
- OVERALL WIRING DIAGRAM 34
- DESCRIPTION OF SCHEMATIC DIAGRAM 36
- SCHEMATIC DIAGRAM 37
- PRINTED WIRING BOARD ASSEMBLIES 80
- PARTS LIST 96
- PACKING OF THE SET 125

SHARP CORPORATION

IMPORTANT SERVICE SAFETY PRECAUTION

- **Service work should be perfomed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME FUSE
LCD SIDE : F2701,F2702(4A,250V)
: F2703(2A, 250V)
LC-32GD1E : F7401, F7501(6.3A, 250V)
LC-37GD1E : F7401, F7503(10A, 250V)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

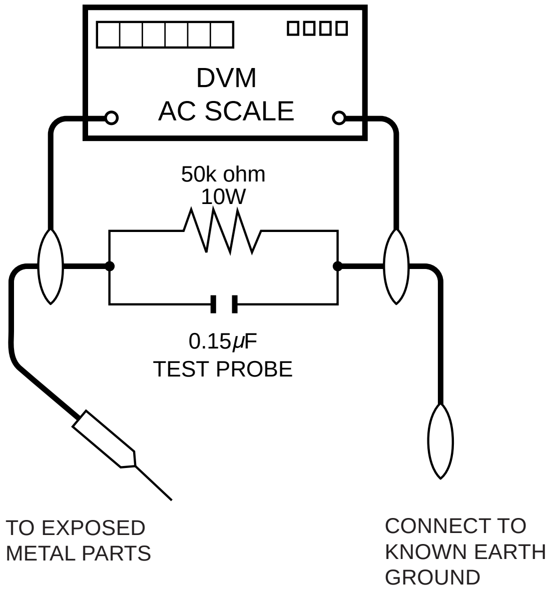
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 220~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 50k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resisor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

  Any reading of 0.75V rms (this corresponds to 0.5 milliamp. rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by “⚠” and shaded areas in the ***Replacement Parts Lists*** and ***Schematic Diagrams***.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

1 Employing lead-free solder

"LCD CONT PWB","TMDS RX PWB","KEY PWB","R/C LED PWB","MOTOR PWB","INV PWB","POWER PWB"of this model employs lead-free solder. The LF symbol is attached on the PWBs and service manuals to indicate lead-free solder. The alphabetical character following LF shows the type of lead-free solder.

Example:

LF a

Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40ºC, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldening bit, contact our service station or service ranch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettabillty, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be excoeded, remove the bit from the PWB as soon as you conurm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to tum on and off the power of the bit as required.

if a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Becareful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDAi123250E	J	ϕ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm 1kg(1roll)	BM

Specifications

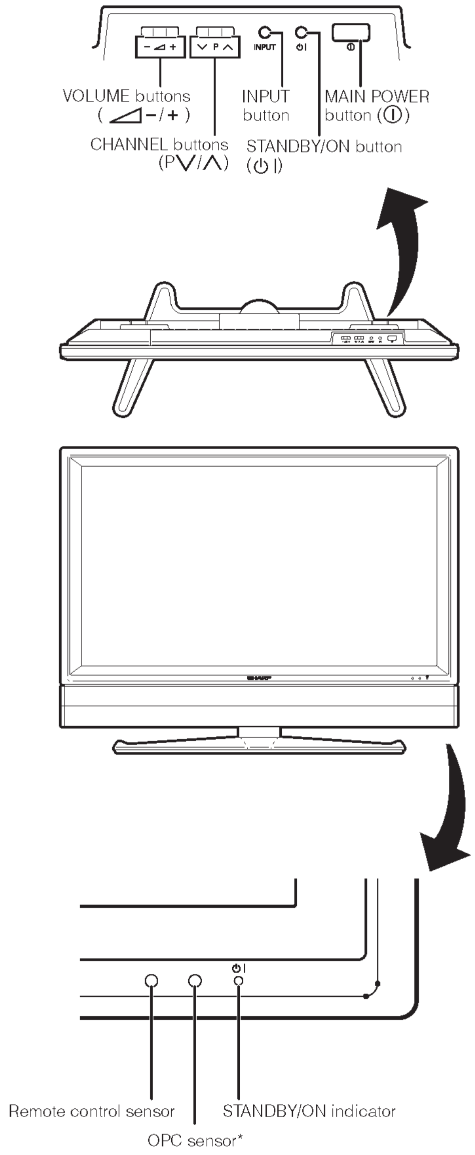
Item			**32” LCD COLOUR TV,** **Model: LC-32GD1E (Display)**	**37” LCD COLOUR TV,** **Model: LC-37GD1E (Display)**
LCD panel			32” Advanced Super View & BLACK TFT LCD	37” Advanced Super View & BLACK TFT LCD
Number of dots			3,147,264 dots (1366 x 768 x 3 dots)	
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60	
TV Function	TV-standard	Analogue	CCIR (B/G, I, D/K, L, L’)	
		Digital	DVB-T (2K/8K OFDM)	
	Receiving Channel	VHF/UHF	E2-E69ch, F2-F10ch, I21-I69ch, IR A-IR Jch, (Digital: E5-E69ch)	
		CATV	Hyper-band, S1-S41ch	
	TV-Tuning System		Auto Preset 99 ch, Auto Label, Auto Sort	
	STEREO/BILINGUAL		NICAM/A2	
Brightness			450 cd/m2	
Viewing angles			H : 170° V : 170°	
Audio amplifier			10W x 2	
Speakers			Ø 8cm 2pcs, Ø 2.5cm 2pcs	
OSD language			English/German/French/Italian/Spanish/Dutch/Swedish/Portuguese/Finnish/Turkish	
Power Requirement			AC 220 - 240 V, 50 Hz	
Power Consumption	Display		117 W (0.3 W Standby) (Method IEC60107)	157 W (0.3 W Standby) (Method IEC60107)
Weight	Display		13 kg (Display only), 16.5 kg (with Display and speakers), 21 kg (with Display, speakers and stand)	14.5 kg (Display only), 18.5 kg (with Display and speakers), 23 kg (with Display, speakers and stand)
Accessories			AC cord (x1), Cable Clamp (x1)	

Specifications are subject to change without prior notice.

Operation Manual

Part names

Display


VOLUME buttons
(◿−/+)
CHANNEL buttons
(P∨/∧)
INPUT
button
STANDBY/ON button
(⏻ I)
MAIN POWER
button (Ⓘ)
Remote control sensor
OPC sensor*
STANDBY/ON indicator

*OPC: Optical Picture Control

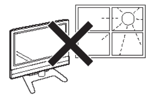
Preparation

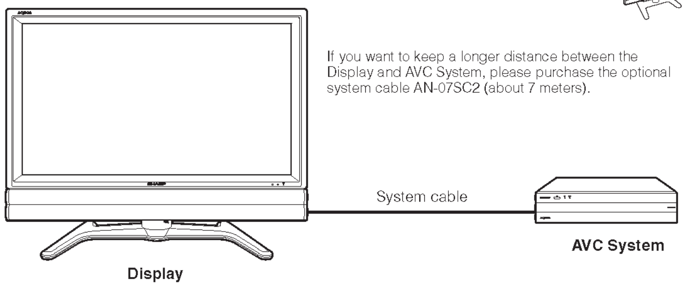
Where to place the System

"System" means the Display and AVC System. First select the location where to place the System.

1 Selecting the location of the System

- Select a place with no direct sunlight and good ventilation.
- The Display and the AVC System are connected by the system cable.




System cable
Display
AVC System

If you want to keep a longer distance between the Display and AVC System, please purchase the optional system cable AN-07SC2 (about 7 meters).

2 Setting the System in place

Handling the Display

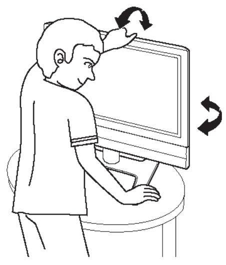
CAUTION

- **When using the TV with the supplied stand attached, do not remove the speaker. Doing so may disturb the balance leading to product damage or personal injury.**
- Do not remove the stand and speaker from the Display unless using an optional bracket to mount it.
- Keep enough space above and behind the Display.
- The Display weighs about 13 kg (LC-32GD1E) and 14.5 kg (LC-37GD1E). Move it with two or more people.
- When you move the Display, hold the portion of the Display, not the speaker.

Handling the AVC System

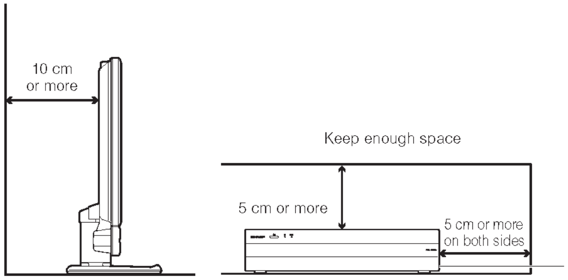
CAUTION

- Do not put a VCR or other device on the AVC System.
- Keep enough space above and on the sides of the AVC System.
- Do not block the ventilation openings on the top and left side, and the exhaust fan on the right side.
- Do not spread a thick cloth beneath the AVC System, or cover it with one, as this can cause overheating and result in malfunction.



CAUTION

Adjust the screen with both hands. Put one hand on the Display and tilt the screen while steadying the stand with your other hand.
You can adjust the screen vertically up to 2 degrees forward or 6 degrees backward, or rotate 10 degrees horizontally.


10 cm
or more
Keep enough space
5 cm or more
5 cm or more
on both sides

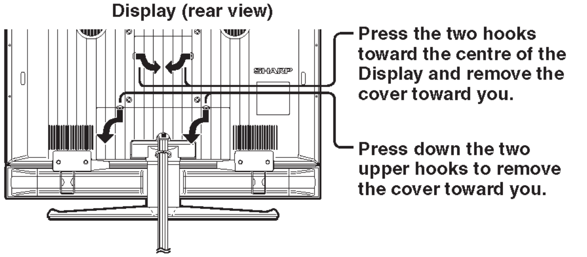
There is an exhaust fan on the right side.

Preparation

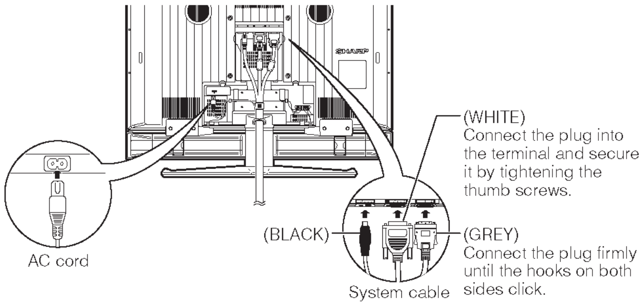
Setting the System

After putting the Display and the AVC System in place, connect the system cables and AC cords. Use the cable clamps for bundling the cables.

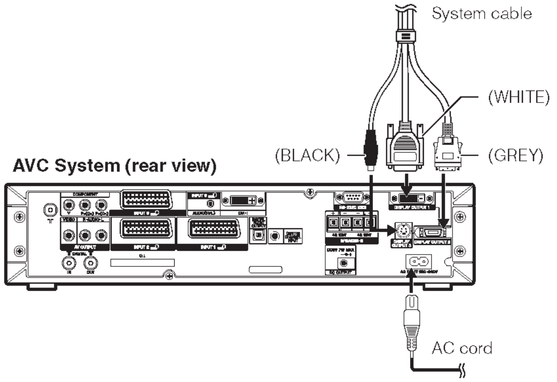
1 Removing the terminal cover


Display (rear view)
Press the two hooks toward the centre of the Display and remove the cover toward you.
Press down the two upper hooks to remove the cover toward you.

2 Connecting the system cable and the AC cord to the Display


(WHITE)
Connect the plug into the terminal and secure it by tightening the thumb screws.
(BLACK)
(GREY)
Connect the plug firmly until the hooks on both sides click.
AC cord
System cable

3 Connecting the system cable and the AC cord to the AVC System

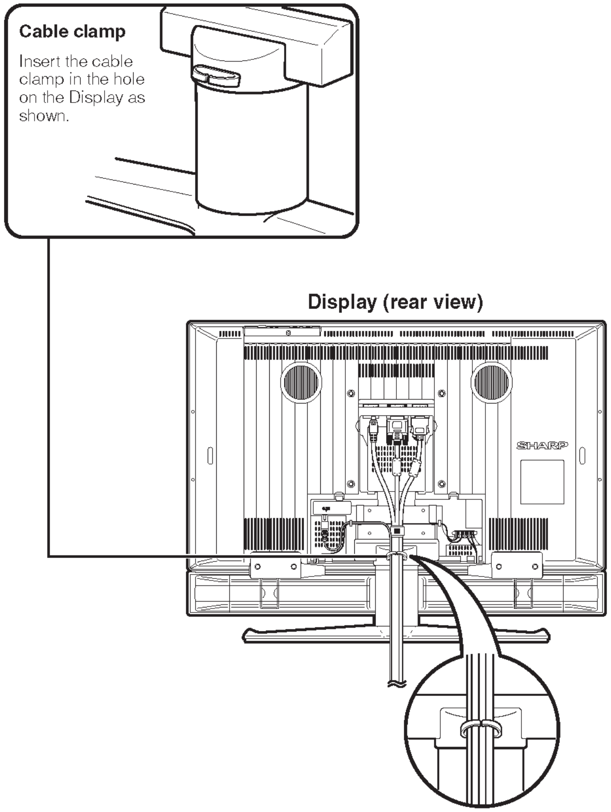

System cable
(WHITE)
(BLACK)
(GREY)
AVC System (rear view)
AC cord

CAUTION

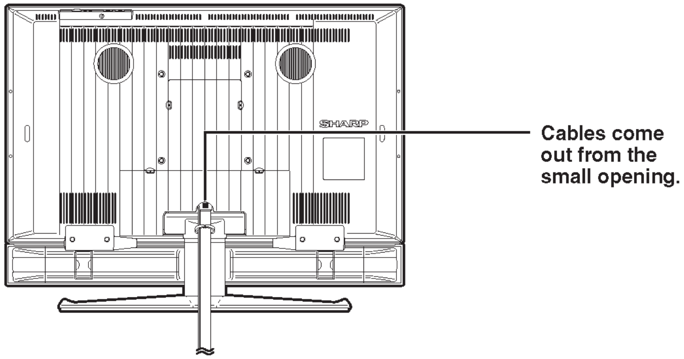
- TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT TOUCH UN-INSULATED PARTS OF ANY CABLES WITH THE AC CORD CONNECTED.

Preparation

4 Attaching the clamp and bundling the cables with the clamp


Cable clamp
Insert the cable clamp in the hole on the Display as shown.
Display (rear view)

5 Closing the terminal cover


Cables come out from the small opening.

Preparation

Removing the stand and speaker

This unit has detachable type speaker.

You can detach the system speaker when using external speaker.
Before removing (or attaching) speaker, unplug the AC cord from the AC outlet and the system cable from the Display.

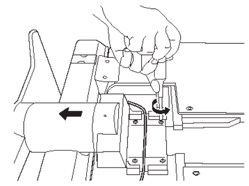
CAUTION

- **Do not remove the stand and speaker from the Display unless using an optional bracket to mount it.**
- **When using the TV with the supplied stand attached, do not remove the speaker. Doing so may disturb the balance leading to product damage or personal injury.**

Before attaching/removing speaker

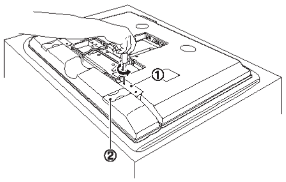
- Before performing work make sure to turn off the System.
- Before performing work spread cushioning over the base area to lay the Display on. This will prevent it from being damaged.

1



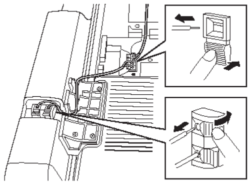
Unfasten the screws used to secure the stand in place, and then detach the stand from the Display. (Hold the stand so it will not drop the stand from the edge of the base area.)

2



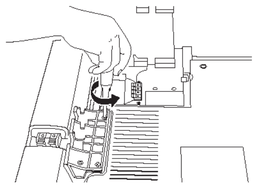
① Unfasten the screws used to secure the speaker bracket covers, and then detach them.
② Take off the speaker terminal cover.

3



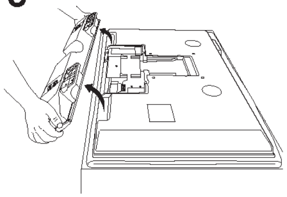
Disconnect the cable from the speaker.

4



Unfasten the screw used to secure the speaker bracket.

5



Now the speaker can be removed from the Display.

CAUTION

- The speaker terminals on the Display are only for the attached speaker. Do not connect any third party plug or speaker to the terminal.
- Insert the speaker plug completely into the terminal.

NOTE

- To attach the speaker and stand, perform the above steps in reverse order.

Setting the Display on the wall

CAUTION

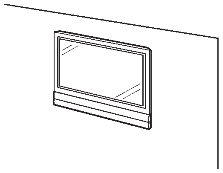
- **Installing the LCD Colour TV requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. SHARP bears no responsibility for improper mounting or mounting that results in accident or injury.**

Using an optional bracket to mount the Display

- You can ask a qualified service personnel about using an optional AN-37AG2 bracket to mount the Display to the wall.
- Carefully read the instructions that come with the bracket before beginning work.

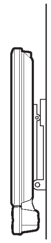
Hanging on the wall

AN-37AG2 wall mount bracket. (See the bracket instructions for details.)



About setting the Display angle

- **Angular mounting is not possible with the speaker attached.**
- You can set the Display on the wall up to 20 degrees forward when the speaker is not attached. Do not set the angle outside this range.

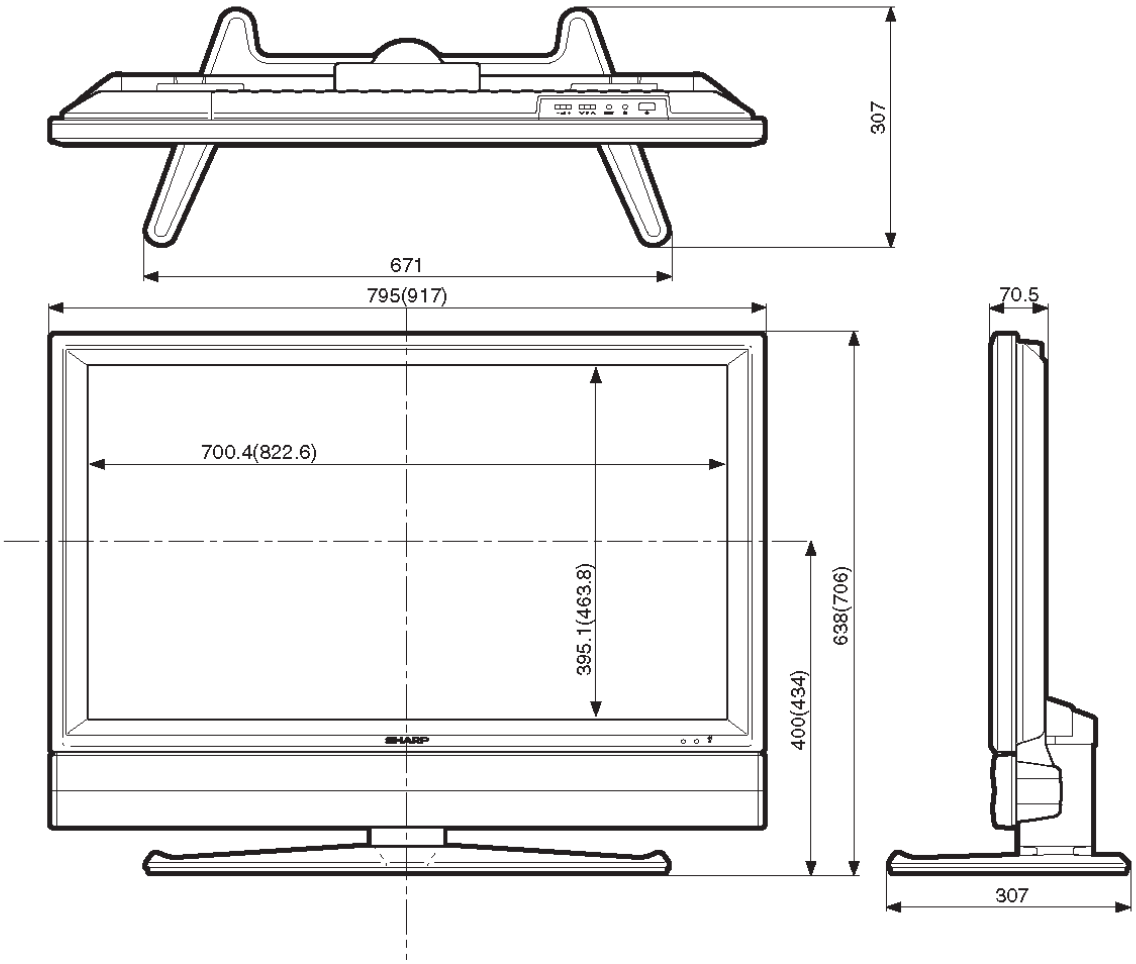


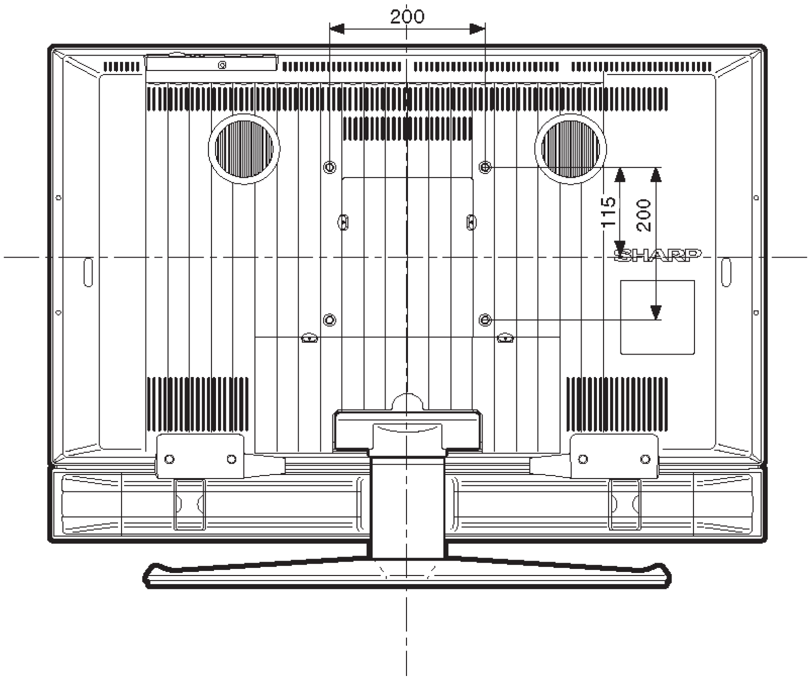
Dimensions

LC-32/37GD1E

NOTE • Figures within parentheses are unique to LC-37GD1E model.

Unit : mm

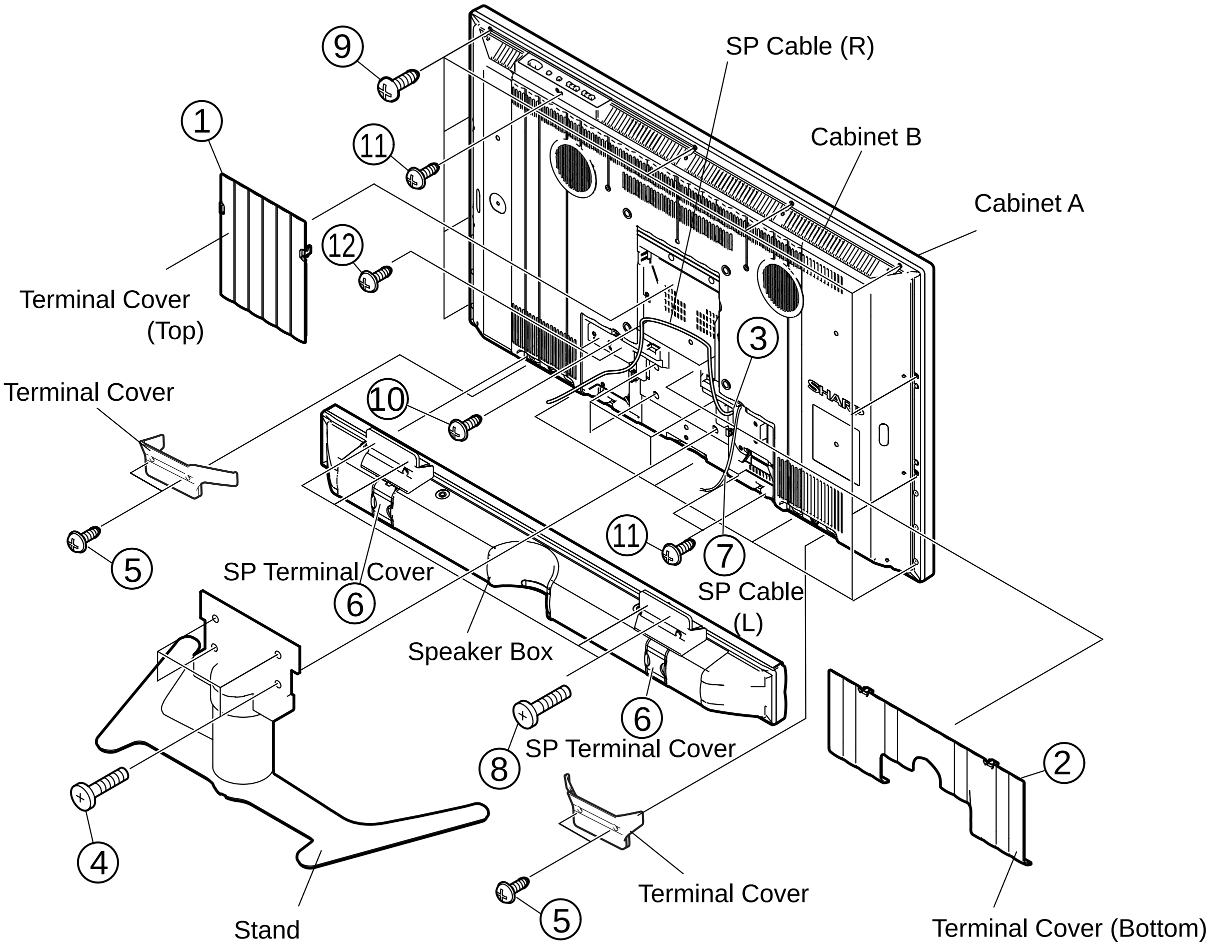

307
671
795(917)
70.5
700.4(822.6)
395.1(463.8)
400(434)
638(706)
SHARP
307


200
115
200
SHARP

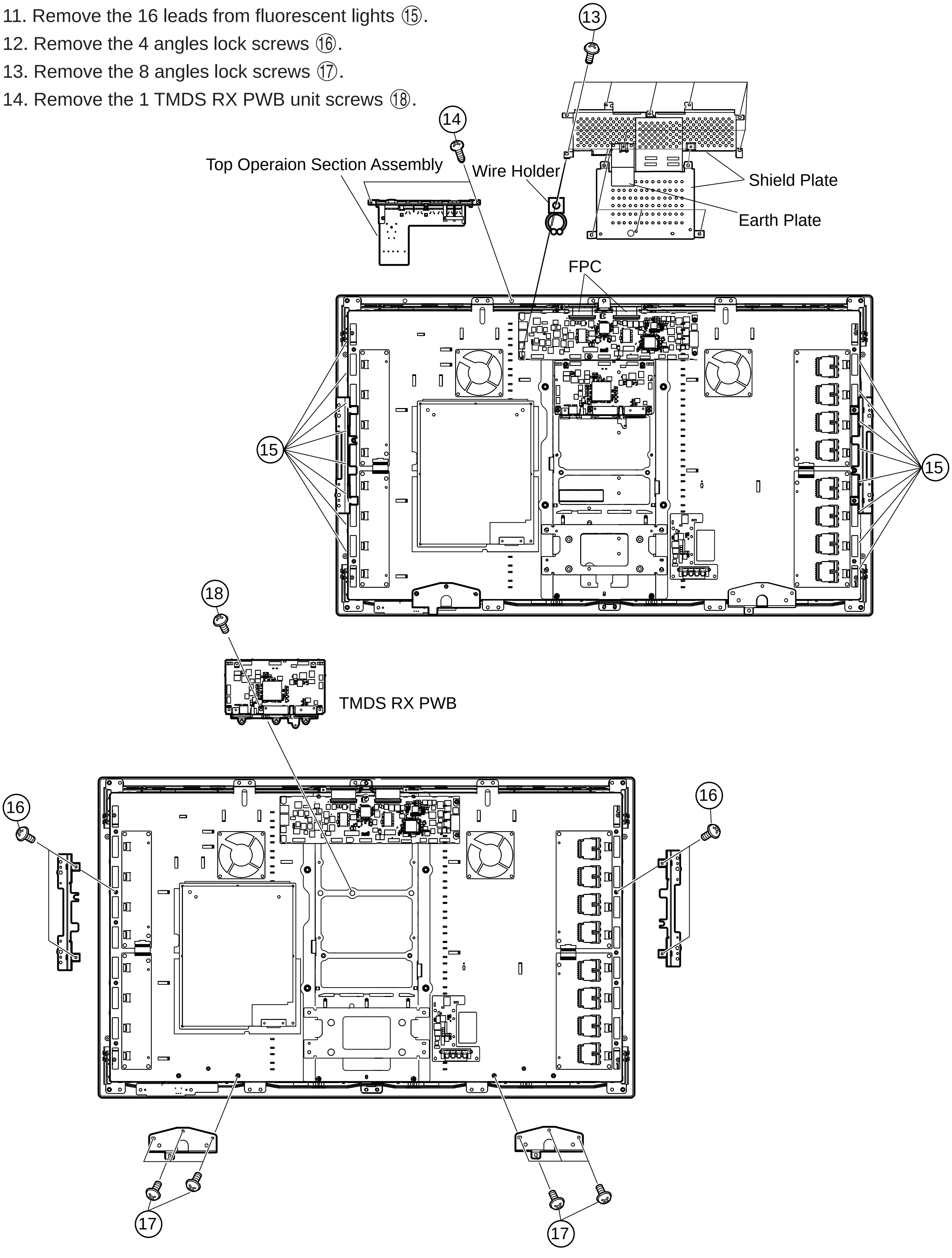
REMOVING OF MAJOR PARTS

LC-32GD1E

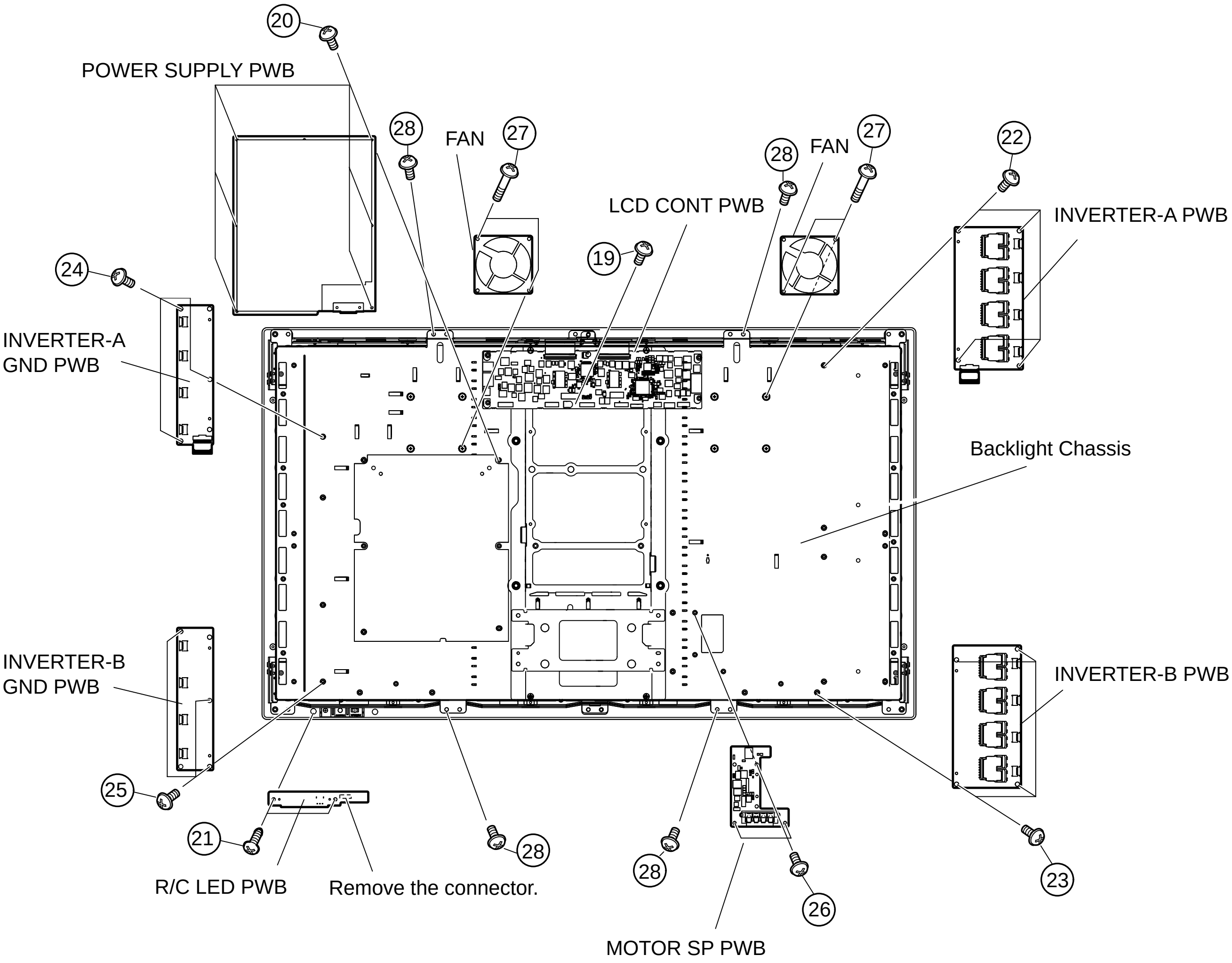
1. Remove the Terminal Covers ① and ②.
2. Disconnect the SP Cable (R) ③ from the SP terminal on the set.
3. Remove the 4 stand lock screws ④ and detach the Stand.
4. Remove the 4 bracket screws ⑤ and detach the Bracket.
5. Remove the SP Terminal Cover ⑥ and disconnect the SP Cable (L) ⑦.
6. Remove the 4 speaker lock screws ⑧ and separate the Speaker Box from the set.
7. Remove the following screws: 13 M4 resin cabinet lock screws ⑨, two M4 machine screws ⑩, 3 M3 resin screws ⑪ and two M3 machine screws ⑫. Then detach the Cabinet B.


⑨
SP Cable (R)
①
⑪
Cabinet B
Cabinet A
⑫
Terminal Cover
(Top)
③
Terminal Cover
⑩
⑪
⑤
SP Terminal Cover
⑦
⑥
SP Cable
(L)
Speaker Box
⑥
⑧
SP Terminal Cover
②
④
Terminal Cover
⑤
Stand
Terminal Cover (Bottom)

8. Remove the 13 Shield Plate mounting screws ⑬, and detach the Shield Plate and the Wire Holder.
9. Remove the 2 top operation section assembly mounting screws ⑭.
10. Disconnect the FPC. (with ferrite core)
11. Remove the 16 leads from fluorescent lights ⑮.
12. Remove the 4 angles lock screws ⑯.
13. Remove the 8 angles lock screws ⑰.
14. Remove the 1 TMDS RX PWB unit screws ⑱.


13
14
Top Operaion Section Assembly
Wire Holder
Shield Plate
Earth Plate
FPC
15
15
18
TMDS RX PWB
16
16
17
17

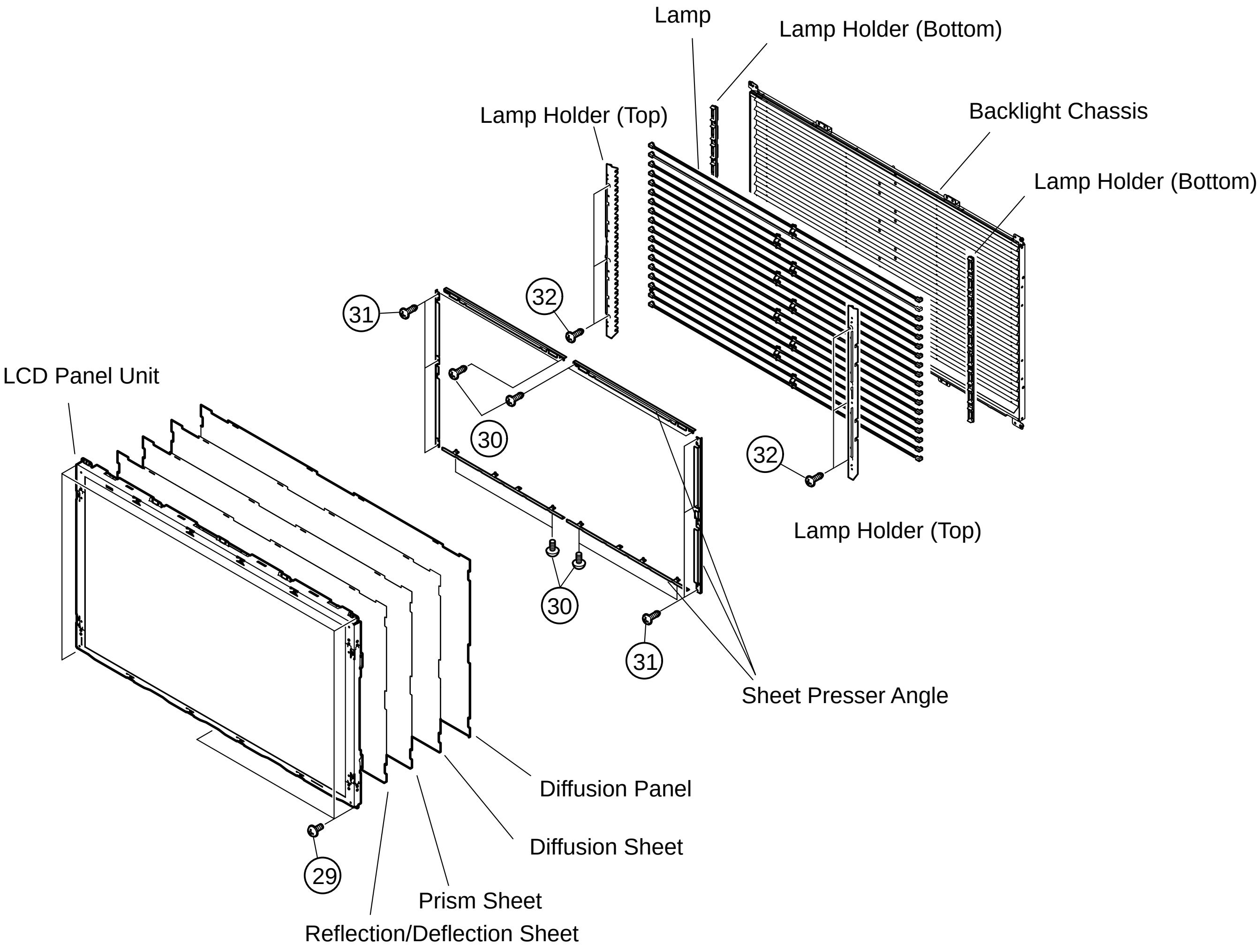
15. Remove the LCD CONT PWB mounting screw ⑲ to detach the LCD CONT PWB.
16. Remove the 6 POWER SUPPLY PWB mounting screws⑳to detach the POWER SUPPLY PWB.
17. Remove the 2 R/C LED PWB mounting screws ㉑ to detach the R/C LED PWB.
18. Remove the 4 INVERTER-A PWB mounting screws ㉒ to detach the INVERTER-A PWB.
19. Remove the 4 INVERTER-B PWB mounting screws ㉓ to detach the INVERTER-B PWB.
20. Remove the 3 INVERTER-A GND PWB mounting screws ㉔ to detach the INVERTER-A GND PWB.
21. Remove the 3 INVERTER-B GND PWB mounting screws ㉕ to detach the INVERTER-B GND PWB.
22. Remove the 4 MOTOR SP PWB mounting screws ㉖ to detach the MOTOR SP PWB.
23. Remove the 4 fan mounting screw ㉗ to detach the 2 fans.
24. Remove the 4 chassis mounting screws ㉘, and remove the Backlight Chassis from Cabinet A.


⑳
POWER SUPPLY PWB
㉘
FAN
㉗
㉘
FAN
㉗
㉒
LCD CONT PWB
INVERTER-A PWB
⑲
㉔
INVERTER-A
GND PWB
Backlight Chassis
INVERTER-B
GND PWB
INVERTER-B PWB
㉕
㉑
㉘
㉘
㉓
㉖
R/C LED PWB
Remove the connector.
MOTOR SP PWB

- Precautions in handling the LCD panel
  1. Handle the liquid crystal panel in a clean room (Humidity: 50% or more).
  2. Be sure to wear an earth wristband.
  3. Be careful not to drop and shock the liquid crystal panel.
  4. Use an ionizer (within 30 cm).

25. Remove the 5 screws ㉙ (LX-BZA051WJFN).
26. Remove the LCD Panel Unit.
27. Remove the 8 screws ㉚ (LX-BZA052WJFN).
28. Remove the sheet presser angles.
29. Remove the 6 screws ㉛ (XBPSN30P10000).
30. Remove the sheet presser angles.
31. Detach the Reflection/Deflection Sheet, Prism Sheet, Diffusion Sheet, and Diffusion Plate.
32. Remove the 6 screws ㉜ (XBBSN30P08000).
33. Remove the 2 Lamp Holders (Top).
34. Detach the lamps.

* The Reflection Plate (PMIR-S040WJZZ) is attached to the Backlight Chassis using clips and two-sided tape, and it cannot be disassembled.


Lamp
Lamp Holder (Bottom)
Lamp Holder (Top)
Backlight Chassis
Lamp Holder (Bottom)
32
31
LCD Panel Unit
30
32
Lamp Holder (Top)
30
31
Sheet Presser Angle
Diffusion Panel
Diffusion Sheet
29
Prism Sheet
Reflection/Deflection Sheet

LC-37GD1E

1. Remove the Terminal Covers ① and ②.
2. Disconnect the SP Cable (R) ㉜ from the SP Terminal on the set.
3. Remove the 4 stand lock screws ③ and detach the Stand.
4. Remove the 4 bracket screws ⑦ and detach the Bracket.
5. Remove the SP Terminal Cover ⑤ and disconnect the SP Cable (L) ⑥.
6. Remove the 4 speaker lock screws ④ and separate the Speaker Box from the set.
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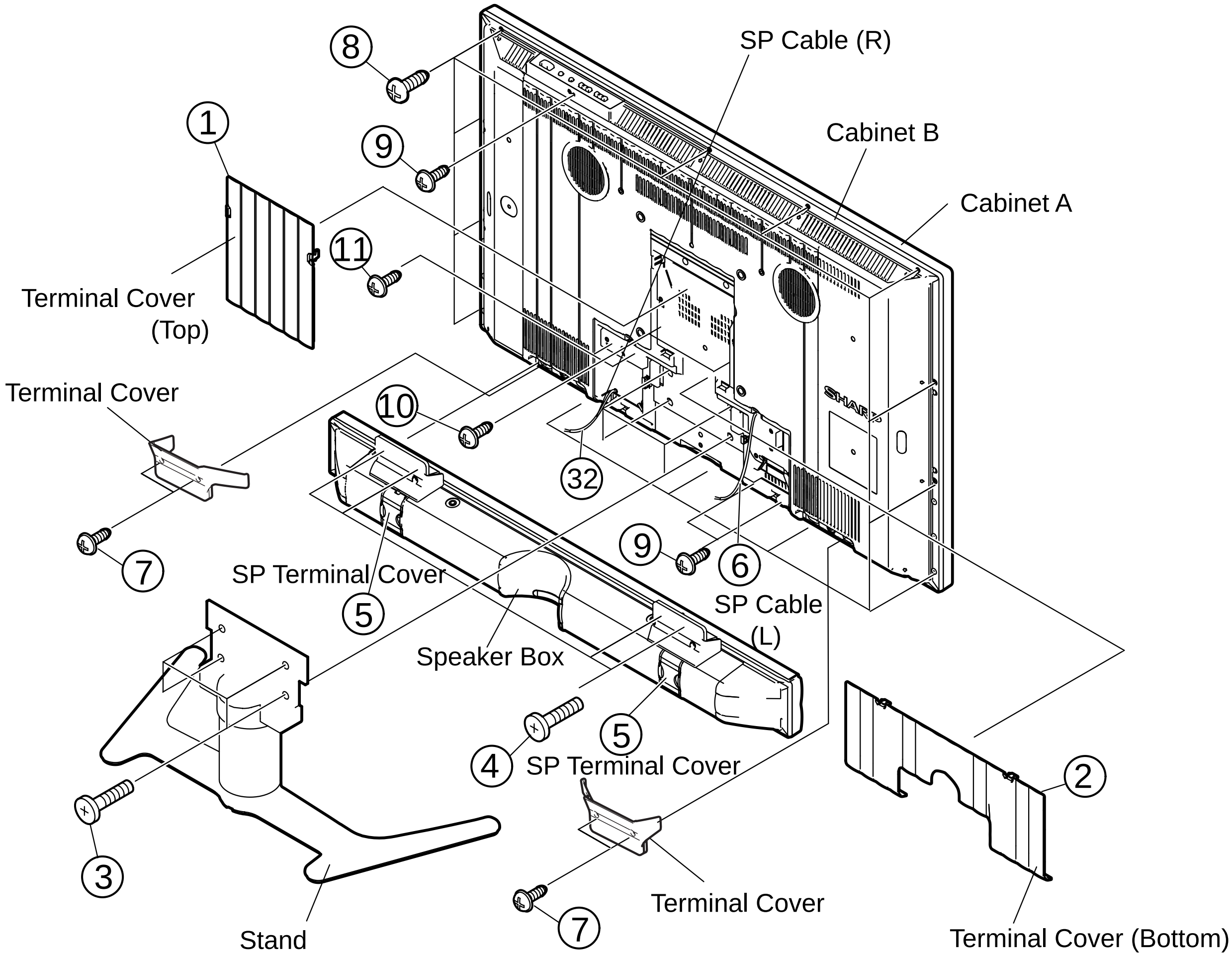
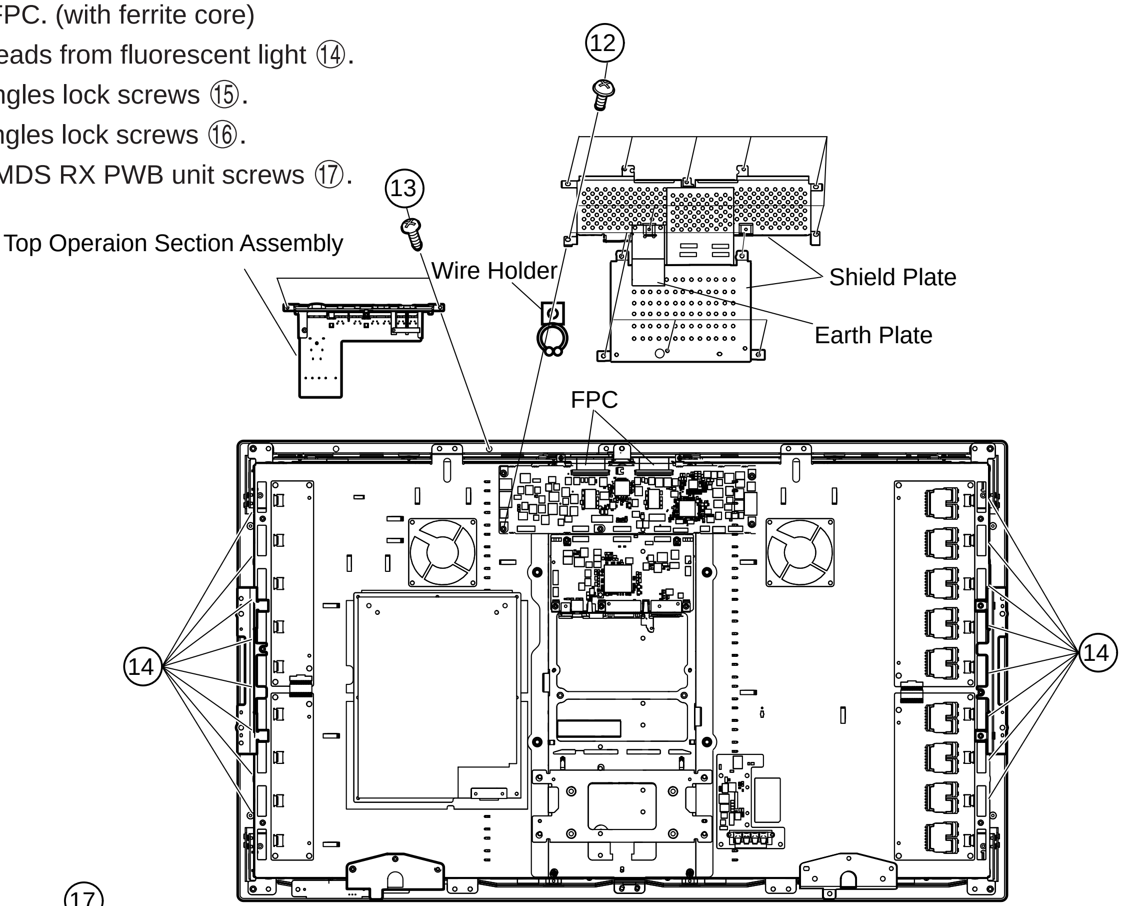
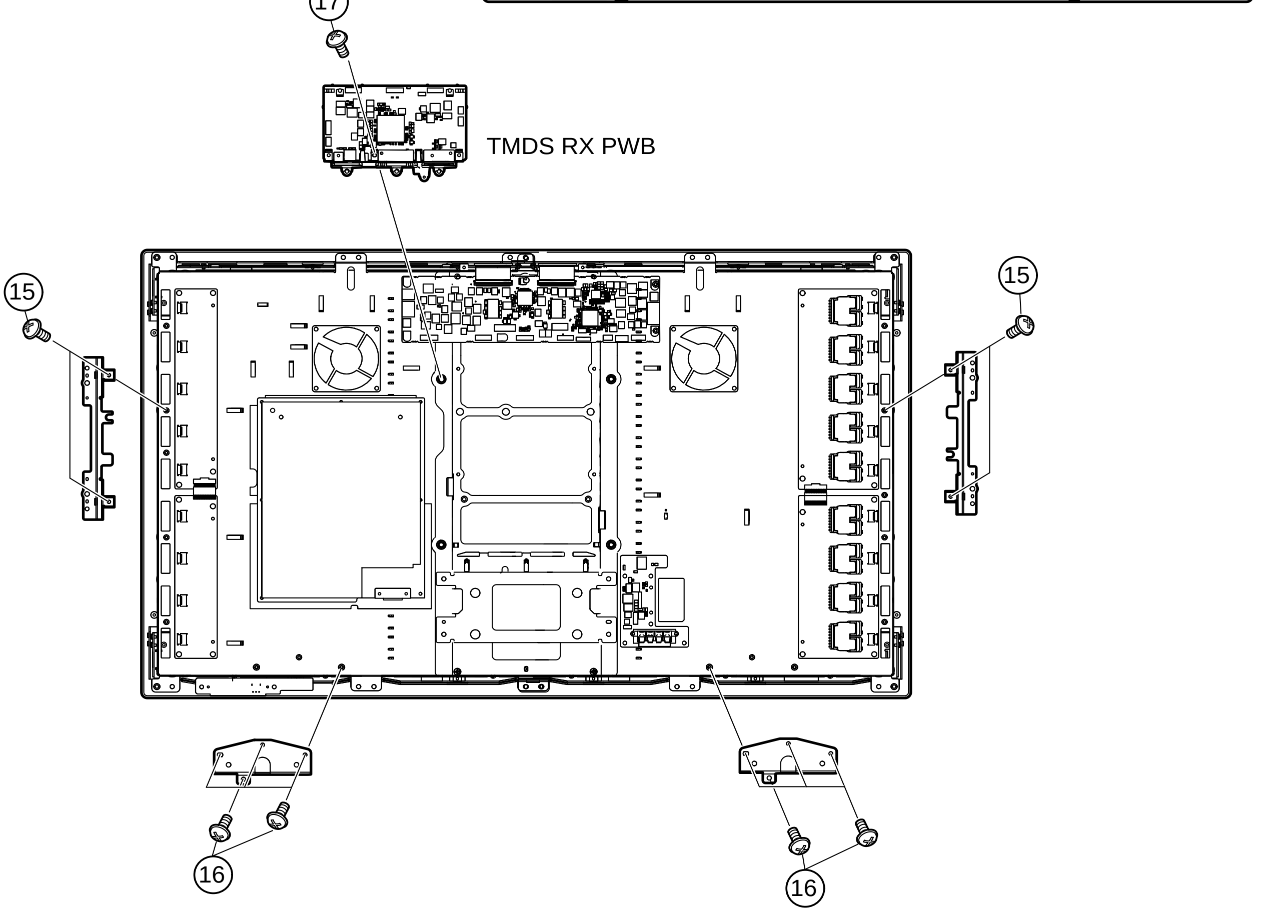
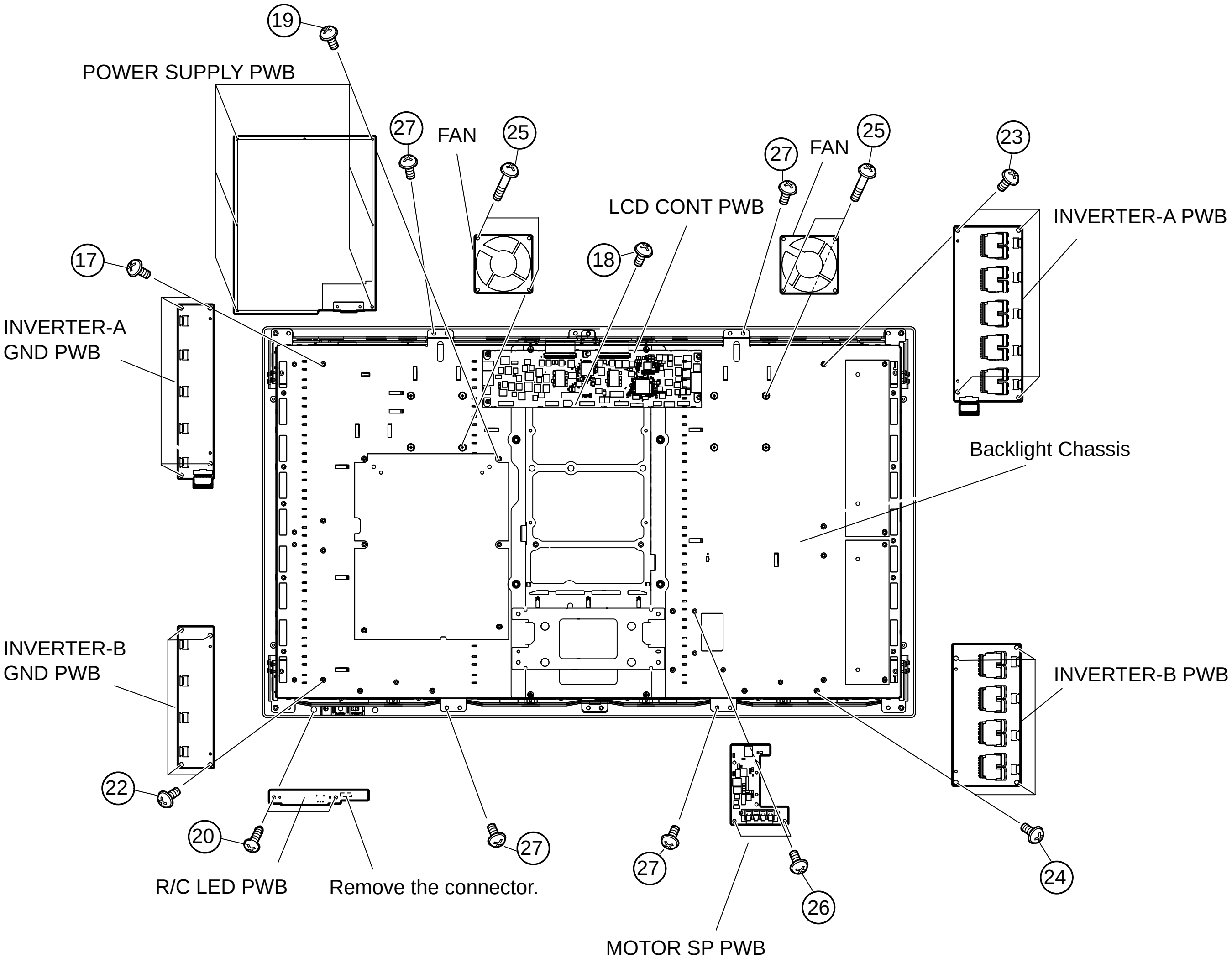

⑧
SP Cable (R)
①
⑨
Cabinet B
Cabinet A
⑪
Terminal Cover (Top)
Terminal Cover
⑩
㉜
⑦
⑨
⑥
SP Terminal Cover
⑤
SP Cable (L)
Speaker Box
⑤
④
SP Terminal Cover
②
③
Terminal Cover
⑦
Stand
Terminal Cover (Bottom)

8. Remove the 13 Shield Plate mounting screws ⑫, and detach the Shield Plate and the Wire Holder.
9. Remove the 2 top operation section assembly mounting screws ⑬.
10. Disconnect the FPC. (with ferrite core)
11. Remove the 18 leads from fluorescent light ⑭.
12. Remove the 4 angles lock screws ⑮.
13. Remove the 8 angles lock screws ⑯.
14. Remove the 1 TMDS RX PWB unit screws ⑰.


⑫
⑬
Top Operaion Section Assembly
Wire Holder
Shield Plate
Earth Plate
FPC
⑭
⑭


⑰
TMDS RX PWB
⑮
⑮
⑯
⑯

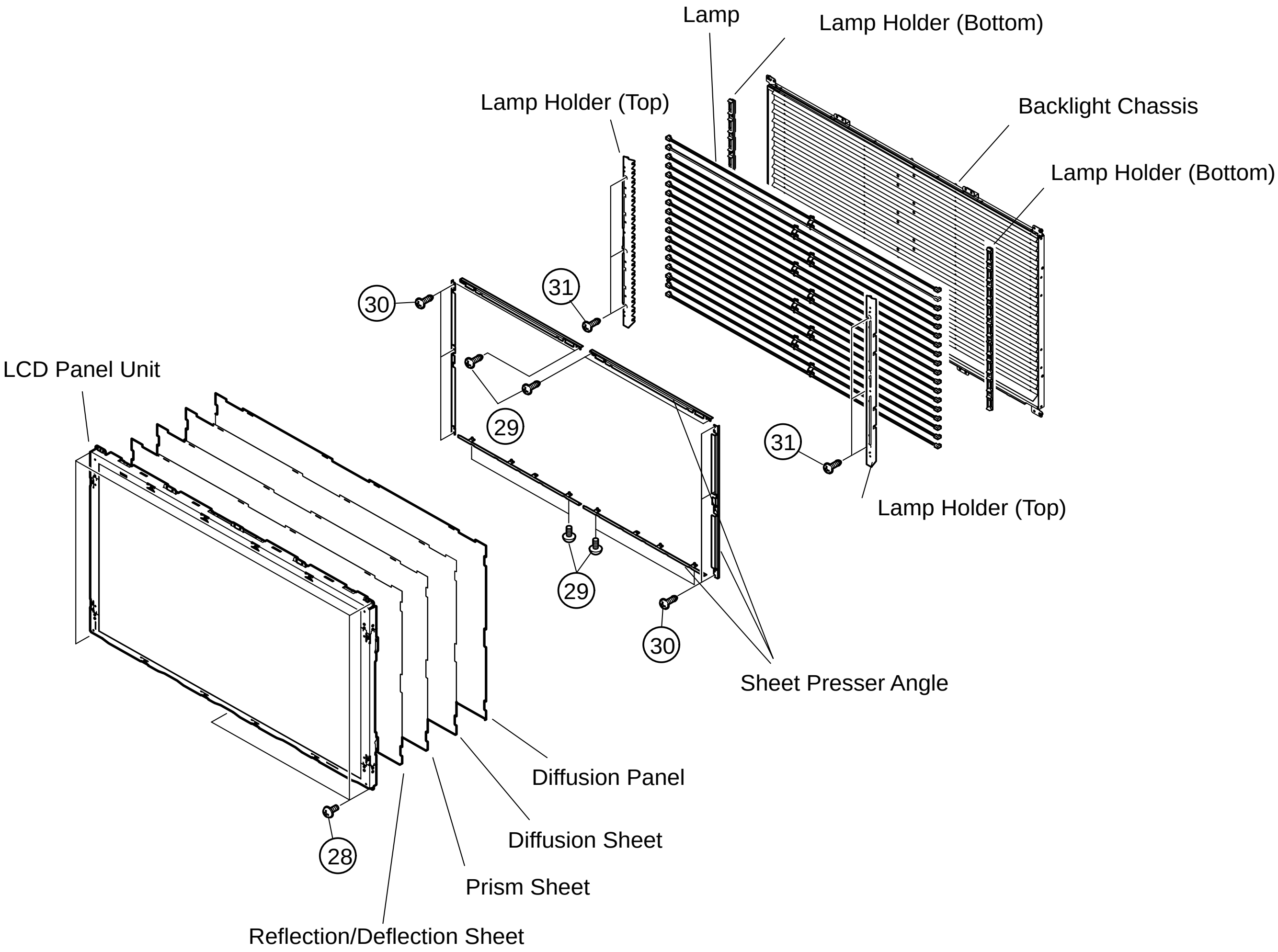
15. Remove the LCD CONT PWB mounting screw ⑱ to detach the LCD CONT PWB.
16. Remove the 6 POWER SUPPLY PWB mounting screws ⑲ to detach the POWER SUPPLY PWB.
17. Remove the 2 R/C LED PWB mounting screws ⑳ to detach the R/C LED PWB.
18. Remove the 4 INVERTER-A PWB mounting screws ㉑ to detach the INVERTER-A PWB.
19. Remove the 4 INVERTER-B PWB mounting screws ㉒ to detach the INVERTER-B PWB.
20. Remove the 4 INVERTER-A GND PWB mounting screws ㉓ to detach the INVERTER-A GND PWB.
21. Remove the 4 INVERTER-B GND PWB mounting screws ㉔ to detach the INVERTER-B GND PWB.
22. Remove the 4 MOTOR SP PWB mounting screws ㉖ to detach the MOTOR SP PWB.
23. Remove the 4 fan mounting screws ㉕ to detach the 2 fans.
24. Remove the 4 chassis mounting screws ㉗, and remove the backlight chassis from cabinet A.


19
POWER SUPPLY PWB
27
FAN
25
27
FAN
25
23
LCD CONT PWB
INVERTER-A PWB
17
18
INVERTER-A
GND PWB
Backlight Chassis
INVERTER-B
GND PWB
INVERTER-B PWB
22
20
27
27
24
26
R/C LED PWB
Remove the connector.
MOTOR SP PWB

- Precautions in handling the LCD panel
  1. Handle the liquid crystal panel in a clean room (Humidity: 50% or more).
  2. Be sure to wear an earth wristband.
  3. Be careful not to drop and shock the liquid crystal panel.
  4. Use an ionizer (within 30 cm).

25. Remove the 5 screws ㉘ (LX-BZA051WJFN).
26. Remove the LCD panel unit.
27. Remove the 8 screws ㉙ (XBPSN30P06000).
28. Remove the sheet presser angles.
29. Remove the 6 screws ㉚ (XBPSN30P10000).
30. Remove the sheet presser angles.
31. Detach the Reflection/Deflection Sheet, Prism Sheet, Diffusion Sheet, and Diffusion Plate.
32. Remove the 6 screws ㉛ (XBBSN30P08000).
33. Remove the Lamp Holders (top).
34. Detach the Lamps.

* The Reflection Plate (PMIR-S041WJZZ) is attached to the Backlight Chassis using clips and two-sided tape, and it cannot be disassembled.


Lamp
Lamp Holder (Bottom)
Lamp Holder (Top)
Backlight Chassis
Lamp Holder (Bottom)
30
31
LCD Panel Unit
29
31
Lamp Holder (Top)
29
30
Sheet Presser Angle
Diffusion Panel
Diffusion Sheet
28
Prism Sheet
Reflection/Deflection Sheet

ADJUSTMENT PROCEDURES

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

(On The Display)

1. Preparation
   When replacing the E2PROM IC (IC2002, IC2008, IC2208), please note that it must be replaced by a unit.
   Applicable unit: DUNTKC268VJ18 / DKEYHC269VJ20 (LC-32GD1E)
   DUNTKC268VJ17 / DKEYHC269VJ19 (LC-37GD1E)
2. Adjusting procedure
   Entering the adjustment process mode → COM BIAS adjustment → White balance adjustment (described in the AVC section)

3. Entering the adjustment process mode
   - Connect the AVC and the display using a system cable.
   - Turn OFF the display main power (⏻).
   - While the main power to the display is off, hold down the “P(∨)” key and “◿ (+)” key on the upper part of the display and then turn the “MAIN POWER” switch “ON”. The display will run in the “Display process mode”.

   (“<K>” is displayed in the upper left portion of the screen.)
   - Then, pressing any key (◿, P or INPUT) will bring you to the first page of the “Display Adjustment mode”. Multiple lines of red characters appearing on the display indicate that the unit is now in the adjustment process mode.

4. Exiting the adjustment process mode
   - To exit the adjustment process mode after the adjustment is done, unplug the AC power cable from the outlet to make a forced shutdown. Do not use the remote controller or the MAIN POWER switch to exit the mode. (When the power was turned off with the remote controller, once unplug the power cable and plug it again. In this case, wait 10 seconds or so before plugging.)

5. Adjustment process mode key operation table

Key	Function 1 (when on the left side of a page)	Function 2 (when changing a numeric value)
Cursor UP ▲	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing the item (in the case of W or R items)
Cursor DOWN ▼	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing the item (in the case of W or R items)
Cursor RIGHT ▶	Moving to the right by one item or moving to another page (in the case of the initial page)	Moving to the right by one item
Cursor LEFT ◀	Moving to the left by one item or moving to another page (in the case of the initial page)	Moving to the left by one item
OK	Test pattern off	Executing the item (in the case of W or R items)
INPUT ⇥	Moving to the next page	Moving to the next page
P_UP P(∧)	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing the item (in the case of W or R items)
P_DOWN P(∨)	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing the item (in the case of W or R items)
VOL_UP ◿ (+)	Moving to the right by one item or moving to another page (in the case of the initial page)	Moving to the right by one item
VOL_DOWN ◿ (–)	Moving to the left by one item or moving to another page (in the case of the initial page)	Moving to the left by one item

6. Adjustment

6-1. COM BIAS adjustment

Shift to the “COM BIAS” item with the cursor ▲/▼key and select a numeric value with the cursor ◀/▶ key. Changing the numeric value with the cursor ▲/▼ key will make appear the test pattern. Make an adjustment so that the flicker near the center of the screen is minimized.
Adjust each of the ones, tens and hundreds places so that the flicker is minimized.

table of contents of process mode page 0

```
SERVICE     S      32/37GD1E
→GRAYLEVEL         100
  COMBIAS          155
  VLSBIAS          041
  L ERR RESET        0
  LCD
  PATTERN
  MOTOR AND FAN
  OTHER
  VER M301         CEEPD
```

Adjust each of the ones, tens and hundreds places so that the flicker is minimized.

6-2. White balance adjustment

The way to enter the adjustment process mode is different. Please refer to the description given for the AVC system.

1. Connect the AVC system, start the unit, and then perform a white balance adjustment on the display.
2. Using the cursor ▲/▼ key, go to the process adjustment mode page 11 and bring up the adjustment display (High side:200 gradations, Low side:48 gradations).
3. Adjust [R GAMMAHI], [G GAMMAHI] and [B GAMMAHI] so that 200-gradation pattern becomes normal.
4. Adjust [R GAMMALO], [G GAMMALO] and [B GAMMALO] so that 48-gradation pattern becomes nomal.
   Nomal pattern should be in accordance with the patten of the standard monitor.
   Reference: x=0.272, y=0.275 [Minolta CA-210] (200 gradations)
   x=0.272, y=0.275 [Minolta CA-210] (48 gradations)

7.Software Upgrade for Monitor Microcomputer

For this model, the software version of the monitor microcomputer can be upgraded via the AVC system. An SD card is used to upgrade the version. For details of the procedure, method etc., refer to the Service Manual for TU-32/37GD1E. (AVC SYSTEM)

8.Lamp error detection

8-1.Feature description

This liquid-crystal colour TV incorporates a lamp error detection feature (lamp error detection) that automatically turns OFF the power for safety under abnormal lamp or lamp circuit conditions.

If anything is wrong with the lamp or lamp circuit or when the lamp error detection feature is activated for some reason, the following will result.

① The power of TV main body is turned OFF about six seconds after it is turned ON. (The power LED on the front of the TV turns red from green and keeps blinking in red (ON for 250ms and OFF for 1sec).)

② If ① occurs five times consecutively, it becomes impossible to turn ON the power. (The power LED keeps blinking in red (ON for 250ms and OFF for 1sec).)

8-2.Measures

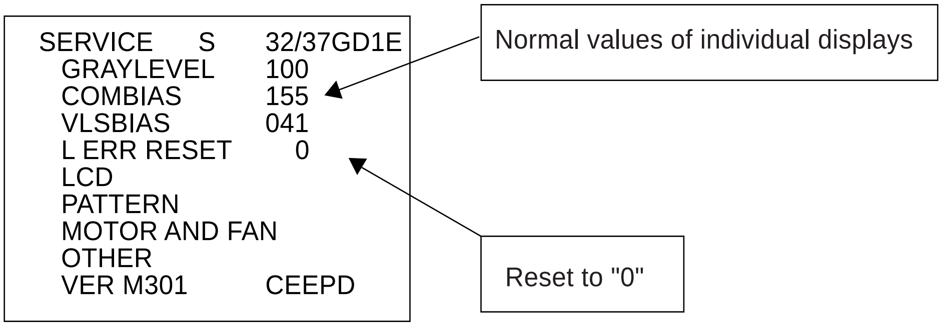
1).Checking with lamp error detection OFF

While the “MAIN POWER” switch is off, hold down the “P(∨)” and “◿ (+)” keys and then turn the “MAIN POWER” on. The display will run in the “Display process mode” (“<K>” will appear.).
If there is a problem with a lamp or a lamp circuit, the lamp will go out. (The power LED is green.)
Then, you can check the operation to see if the lamp and lamp circuit are abnormal.

2).Resetting the lamp error count

After you have finished checking whether the lamp and lamp circuit are abnormal, reset the lamp error count. If a lamp error is detected five consecutive times, the power cannot be turned on.
Therefore, move to the “L ERR RESET” line, the fourth line on the first page of the“Display adjustment mode”, using the “Cursor ▲/▼” key. Then, reset the “L ERR RESET” value using the “Cursor ◀ / ▶” key.
In this case, press the “Cursor ▲/▼” key to reset it to "0".

table of contents of process mode page 0



```
SERVICE      S      32/37GD1E
  GRAYLEVEL         100
  COMBIAS           155
  VLSBIAS           041
  L ERR RESET         0
  LCD
  PATTERN
  MOTOR AND FAN
  OTHER
  VER M301          CEEPD
```

Normal values of individual displays

Reset to "0"

Then perform operation checking and check that the lamp error detection feature is not activated.

- List of process adjustment modes

Table of contents of process mode Page 0

```
SERVICE    S         32/37GD1E
→GRAYLEVEL             100
  COMBIAS              155
  VLSBIAS              041
  L ERR RESET            0
  LCD
  PATTERN
  MOTOR  AND FAN
  OTHER
    VER M301 CEEPD
```

LCD Page 1

```
LCD1
→MODE          PC        0
  PWMCTRL                7
  PWMFREQ             1289
  PWMDUTY1            0000
  PWMDUTY2            0000
  PHASEDIF             000
  PCLK1                  0
  PCLK2                  0
```

LCD Page 4

```
LCD4
→OPC  9            40
  OPC 10           45
  OPC 11           49
  OPC 12           53
  OPC 13           58
  OPC 14           62
  OPC 15           67
  OPC 16           71
```

LCD Page 2

```
LCD2
→MODE        PC        0
  QS  SW               0
  QS  D1             082
  QS  D2             100
  QS  D3             111
  QS  D4             123
  QS  D5             135
  QS  D6             147
  QS  D7             162
```

LCD Page 5

```
LCD6
→VH  0            0158
  VL  0            0938
  VH31             0418
  VL31             0686
  VH63             0452
  VL63             0619
  VH95             0503
  VL95             0590
```

LCD Page 3

```
LCD3
→OPC  0              00
  OPC  1              05
  OPC  2              09
  OPC  3              13
  OPC  4              18
  OPC  5              22
  OPC  6              27
  OPC  7              31
  OPC  8              36
```

LCD Page 6

```
LCD6
→VH127            0521
  VL127            0542
  VH159            0568
  VL159            0497
  VH191            0618
  VL191            0445
  VH247            0914
  VL247            0133
```

PATTERN Page 1

```
PATTERN1
→PATTERN 1      00
 PATTERN 2      00
 PATTERN 3      00
 PATTERN 4      00
 PATTERN R     000
 PATTERN G     000
 PATTERN B     000
 PATTERN A     000
```

OTHER Page 1

```
OTHER1
→CLR MODE                0
                        W0
  LCD DATA            0000
                      R0W0
  EEP C            0000000
                      R0W0
  SII861            000000
                      R0W0
```

PATTERN Page 2

```
PATTERN2
→RESERVE            00
 RESERVE            00
 R GAMMA L         047
 G GAMMA L         048
 B GAMMA L         046
 R GAMMA H         199
 G GAMMA H         200
 B GAMMA H         200
```

OTHER Page 2

```
OTHER2         S     32GD1E
→L ERR STOP              0
  MODEL                  0
  REMOCON                0

  OSTEMP AD            101
  OPC AD               216
```

MOTOR FAN Page 1

```
MOTOR  FAN
→RESERVE            0
  RESERVE           0
  RESERVE           0
  RESERVE           0
  RESERVE           0
  RESERVE           0
  FAN START       224
  FAN STOP        230
  TEMP ERR        055
```

OTHER Page 3

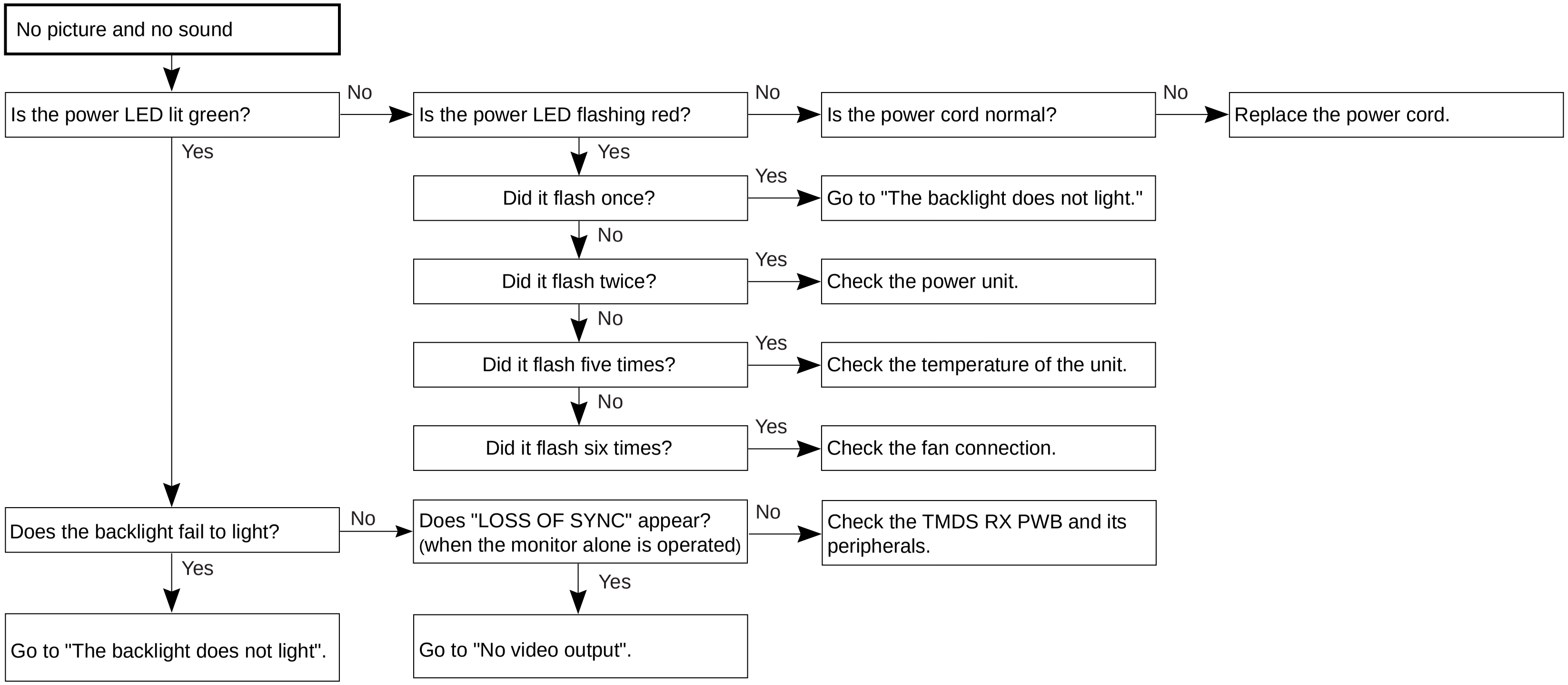
```
OTHER3
→TIMEOUT ON                 1
  IO70               11111111
  IO72               11111111
                 000000000000
                 000000002420
  ETC               E00202010
  RAM EEP 4A               00
  MICOM 00               0000
```

Process adjustment list

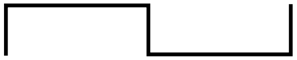
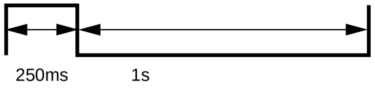
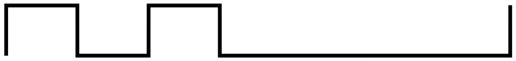
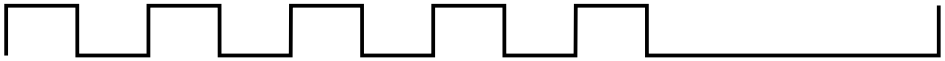
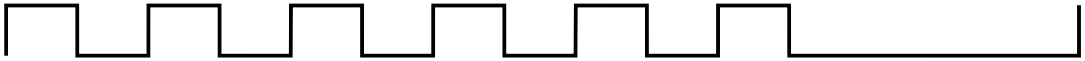
1st level	Page	Item	Setting range	Initial value
Contents	1	GRAYLEVEL	0~255	100
		COMBIAS	0~255	160
		VLSBIAS	0~255	41
		L ERR RESET	Zero clear	0
LCD	1	MODE	50Hz, 60Hz, PC	PC
		PWMCTRL	0~7	7
		PWMFREQ	0~4095	1289
		PWMDUTY1	0~4095	0000
		PWMDUTY2	0~4095	0000
		PHASEDIF	0~255	000
		PCLK1	0~3	0
		PCLK2	0~7	0
	2	MODE	50Hz, 60Hz, PC	PC
		QS SW	0~255	0
		QS D1	0~255	084
		QS D2	0~255	098
		QS D3	0~255	109
		QS D4	0~255	120
		QS D5	0~255	132
		QS D6	0~255	145
		QS D7	0~255	157
	3	OPC 0	0~85	00
		OPC 1	0~85	05
		OPC 2	0~85	09
		OPC 3	0~85	13
		OPC 4	0~85	18
		OPC 5	0~85	22
		OPC 6	0~85	27
		OPC 7	0~85	31
		OPC 8	0~85	36
	4	OPC 9	0~85	40
		OPC 10	0~85	45
		OPC 11	0~85	49
		OPC 12	0~85	53
		OPC 13	0~85	58
		OPC 14	0~85	62
		OPC 15	0~85	67
		OPC 16	0~85	71
	5	VH0	0~1023	0162
		VL0	0~1023	0939
		VH31	0~1023	0403
		VL31	0~1023	0694
		VH63	0~1023	510
		VL63	0~1023	548
		VH95	0~1023	555
		VL95	0~1023	502
	6	VH127	0~1023	597
		VL127	0~1023	462
		VH159	0~1023	597
		VL159	0~1023	462
		VH 191	0~1023	930
		VL191	0~1023	107
		VH247	0~1023	930
		VL247	0~1023	107

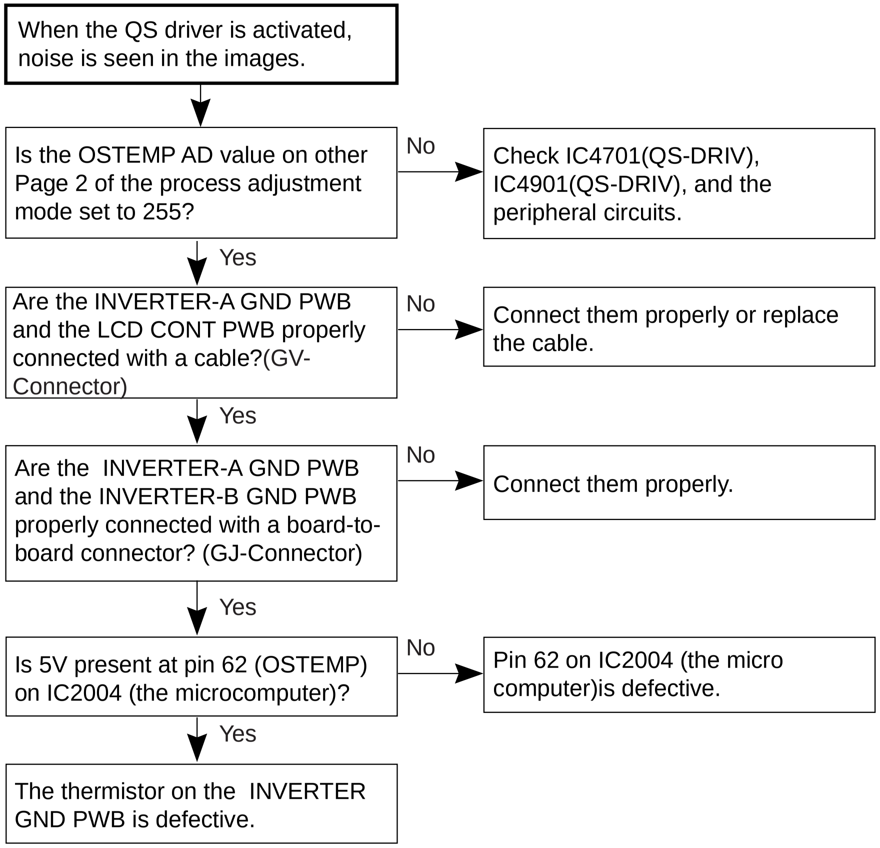
1st level	Page	Item	Setting range	Initial value
PATTERN	1	PATTERN 1	10~14	00
		PATTERN 2	0~12	00
		PATTERN 3	0~5	00
		PATTERN 4	0~5	00
		PATTERN R	0~255	000
		PATTERN G	0~255	000
		PATTERN B	0~255	000
		PATTERN A	0~255	000
	2	RESERVE	-	0
		RESERVE	-	0
		R GAMMA L	0~255	048
		G GAMMA L	0~255	048
		B GAMMA L	0~255	048
		R GAMMA H	0~255	200
		G GAMMA H	0~255	200
		B GAMMA H	0~255	200
MOTOR AND FAN	1	RESERVE	-	0
		RESERVE	-	0
		RESERVE	-	0
		RESERVE	-	0
		RESERVE	-	0
		RESERVE	-	0
		FAN START	0~255	224
		FAN STOP	0~255	230
		TEMP ERR	0~255	055
OTHER	1	CLR MODE	0~4 W	0 0W
		LCD DATA	0~FF R/W	0000 R0W0
		EEP C	0~FF R/W	0000000 R0W0
		SII861	0~FF R/W	000000 R0W0
	2	L ERR STOP	0~1	-
		MODEL	0~15	-
		REMOCON	0~1	-
		OSTEMP AD	0~255	AD value
		OPC AD	0~255	AD value
	3	TIMEOUT ON	0~1	1
		IO70	0~1	11111111
		IO72	0~1	11111111
		RESERVATION TIME	991231235959	000000000000
		TIME COUNT	991231235959	000000000000
		ETC	-	E00202010
		RAM EEP 4A	-	00
		MICON 00	-	0000

TROUBLE SHOOTING TABLE


No picture and no sound
Is the power LED lit green?
No
Is the power LED flashing red?
No
Is the power cord normal?
No
Replace the power cord.
Yes
Yes
Did it flash once?
Yes
Go to "The backlight does not light."
No
Did it flash twice?
Yes
Check the power unit.
No
Did it flash five times?
Yes
Check the temperature of the unit.
No
Did it flash six times?
Yes
Check the fan connection.
Does the backlight fail to light?
No
Does "LOSS OF SYNC" appear? (when the monitor alone is operated)
No
Check the TMDS RX PWB and its peripherals.
Yes
Go to "The backlight does not light".
Yes
Go to "No video output".

LED flashing timing chart

Type of error	LED operation (1 cycle)
Cable error AVC power error Flashes once: Slow	H: Lit L: Not lit 
Lamp error Flashes once: Fast	H: Lit L: Not lit 
Monitor power error Flashes twice	H: Lit L: Not lit 
Monitor temperature error	H: Lit L: Not lit 
Monitor FAN error Flashes 6 times	H: Lit L: Not lit 



When the QS driver is activated, noise is seen in the images.

Is the OSTEMP AD value on other Page 2 of the process adjustment mode set to 255?

No: Check IC4701(QS-DRIV), IC4901(QS-DRIV), and the peripheral circuits.

Yes: Are the INVERTER-A GND PWB and the LCD CONT PWB properly connected with a cable?(GV-Connector)

No: Connect them properly or replace the cable.

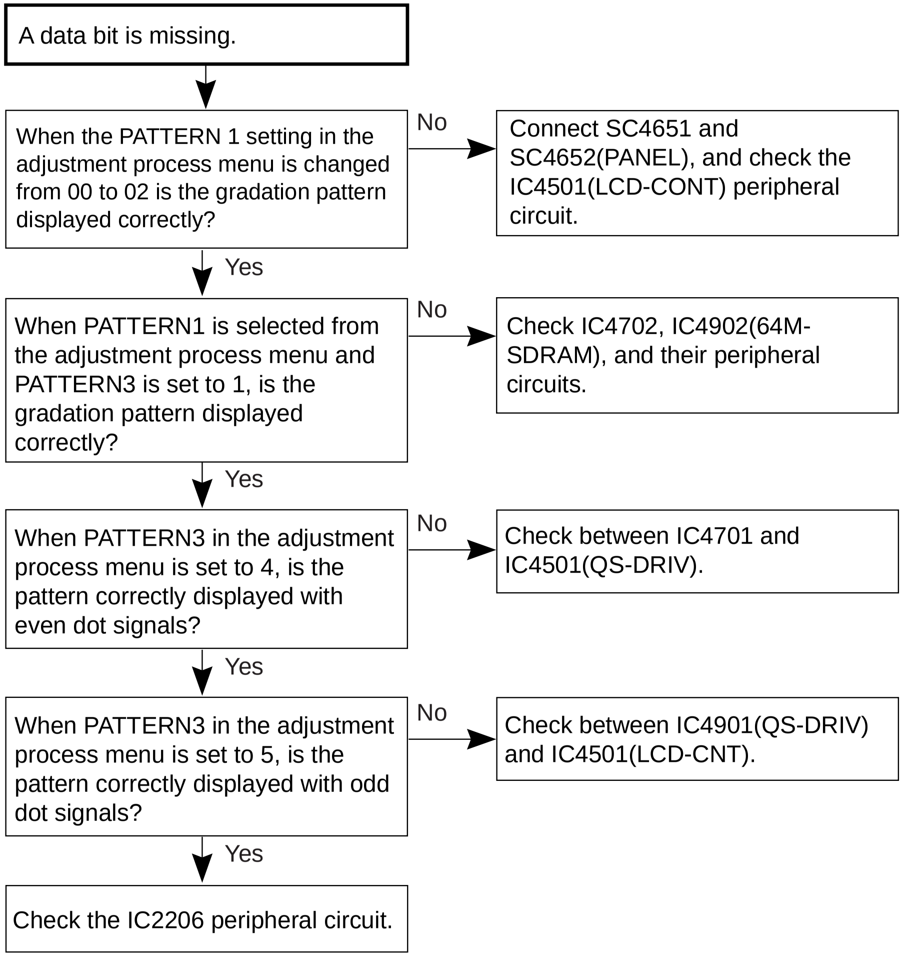
Yes: Are the INVERTER-A GND PWB and the INVERTER-B GND PWB properly connected with a board-to-board connector? (GJ-Connector)

No: Connect them properly.

Yes: Is 5V present at pin 62 (OSTEMP) on IC2004 (the microcomputer)?

No: Pin 62 on IC2004 (the micro computer)is defective.

Yes: The thermistor on the INVERTER GND PWB is defective.



A data bit is missing.

When the PATTERN 1 setting in the adjustment process menu is changed from 00 to 02 is the gradation pattern displayed correctly?

No: Connect SC4651 and SC4652(PANEL), and check the IC4501(LCD-CONT) peripheral circuit.

Yes: When PATTERN1 is selected from the adjustment process menu and PATTERN3 is set to 1, is the gradation pattern displayed correctly?

No: Check IC4702, IC4902(64M-SDRAM), and their peripheral circuits.

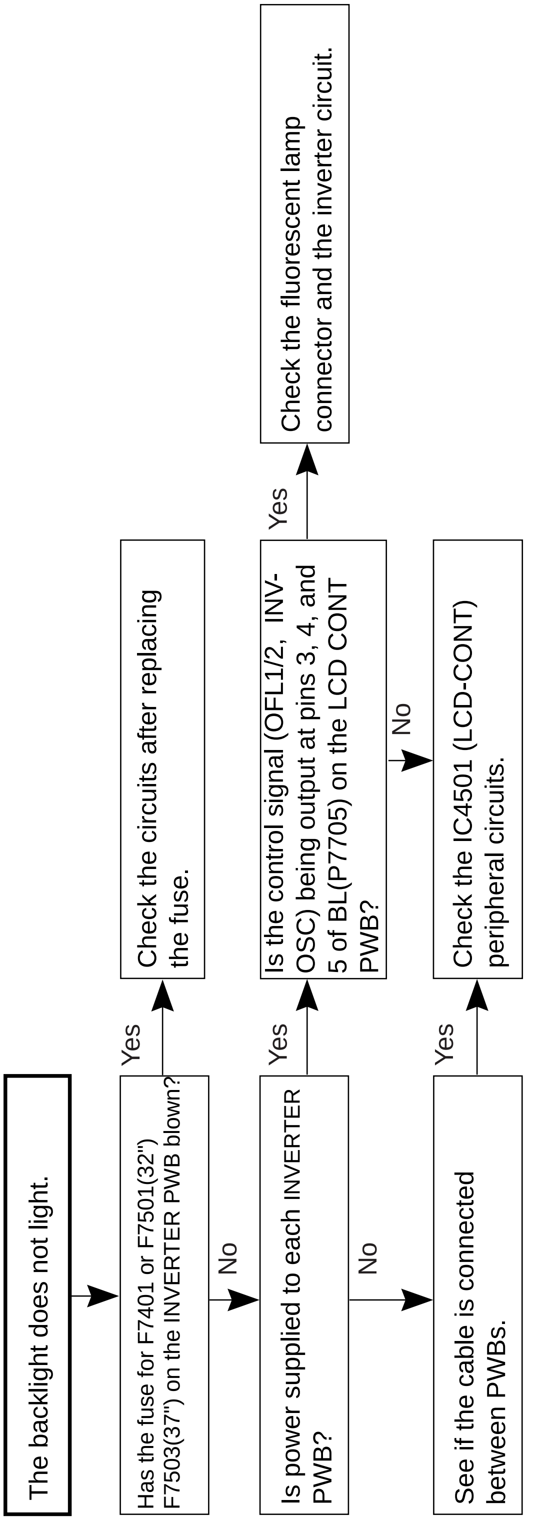
Yes: When PATTERN3 in the adjustment process menu is set to 4, is the pattern correctly displayed with even dot signals?

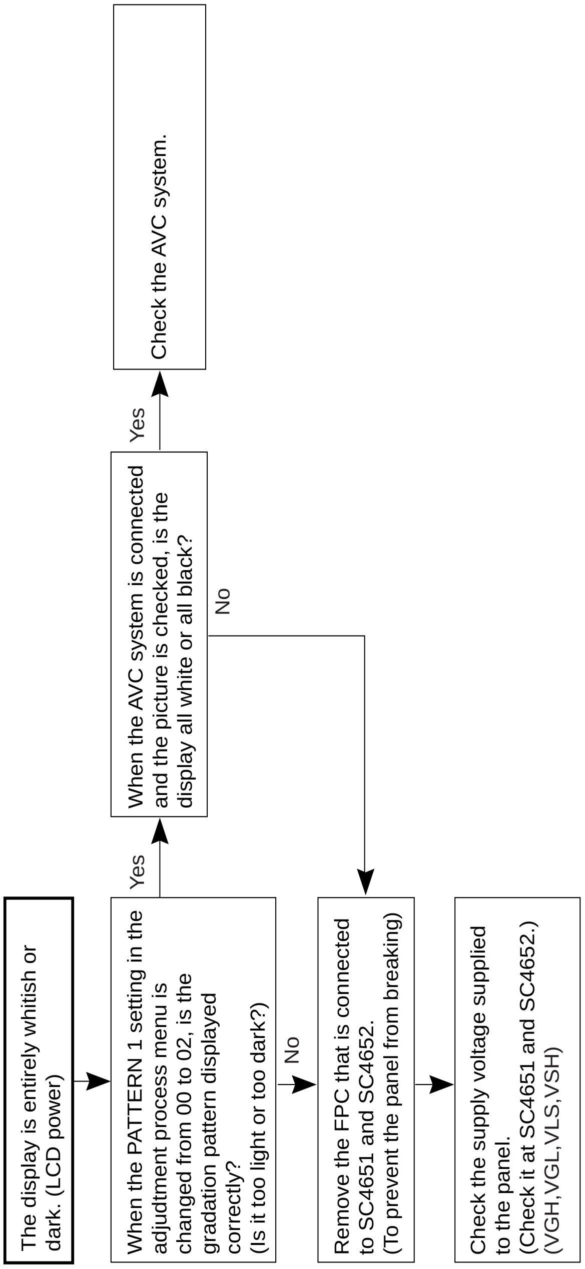
No: Check between IC4701 and IC4501(QS-DRIV).

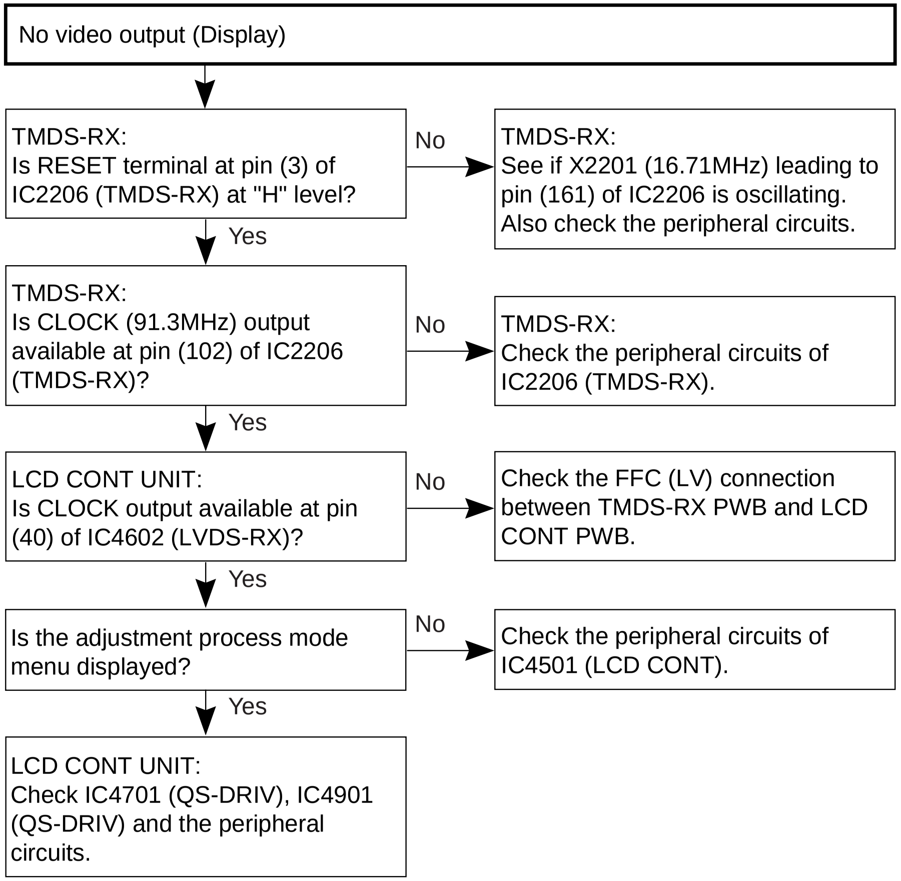
Yes: When PATTERN3 in the adjustment process menu is set to 5, is the pattern correctly displayed with odd dot signals?

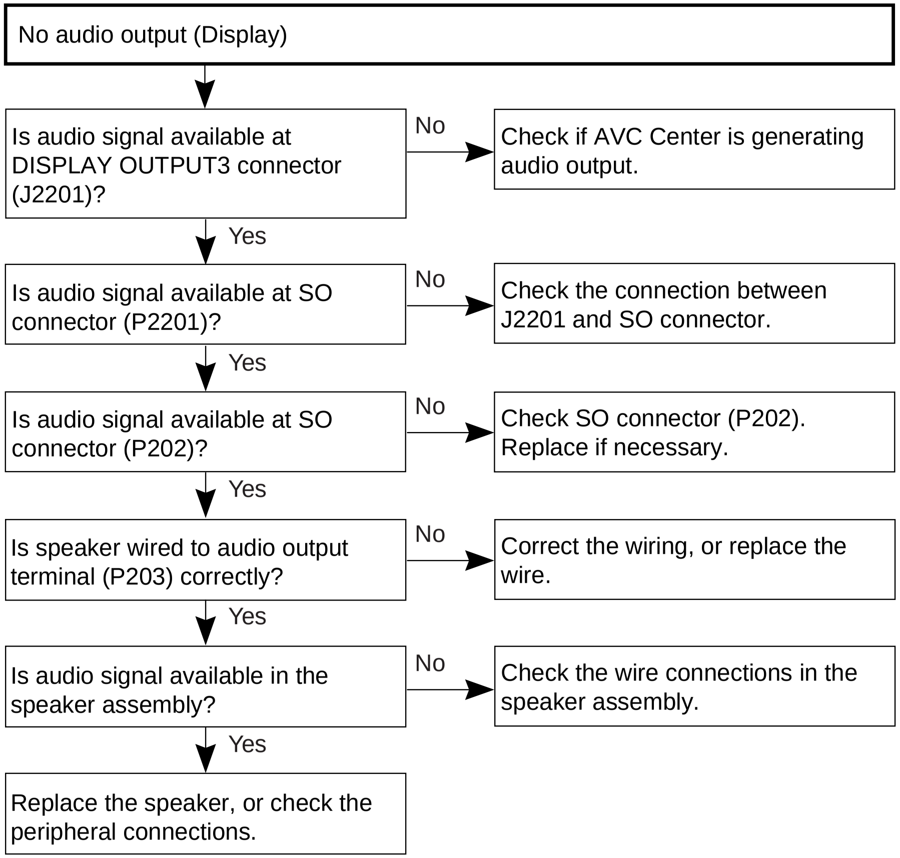
No: Check between IC4901(QS-DRIV) and IC4501(LCD-CNT).

Yes: Check the IC2206 peripheral circuit.

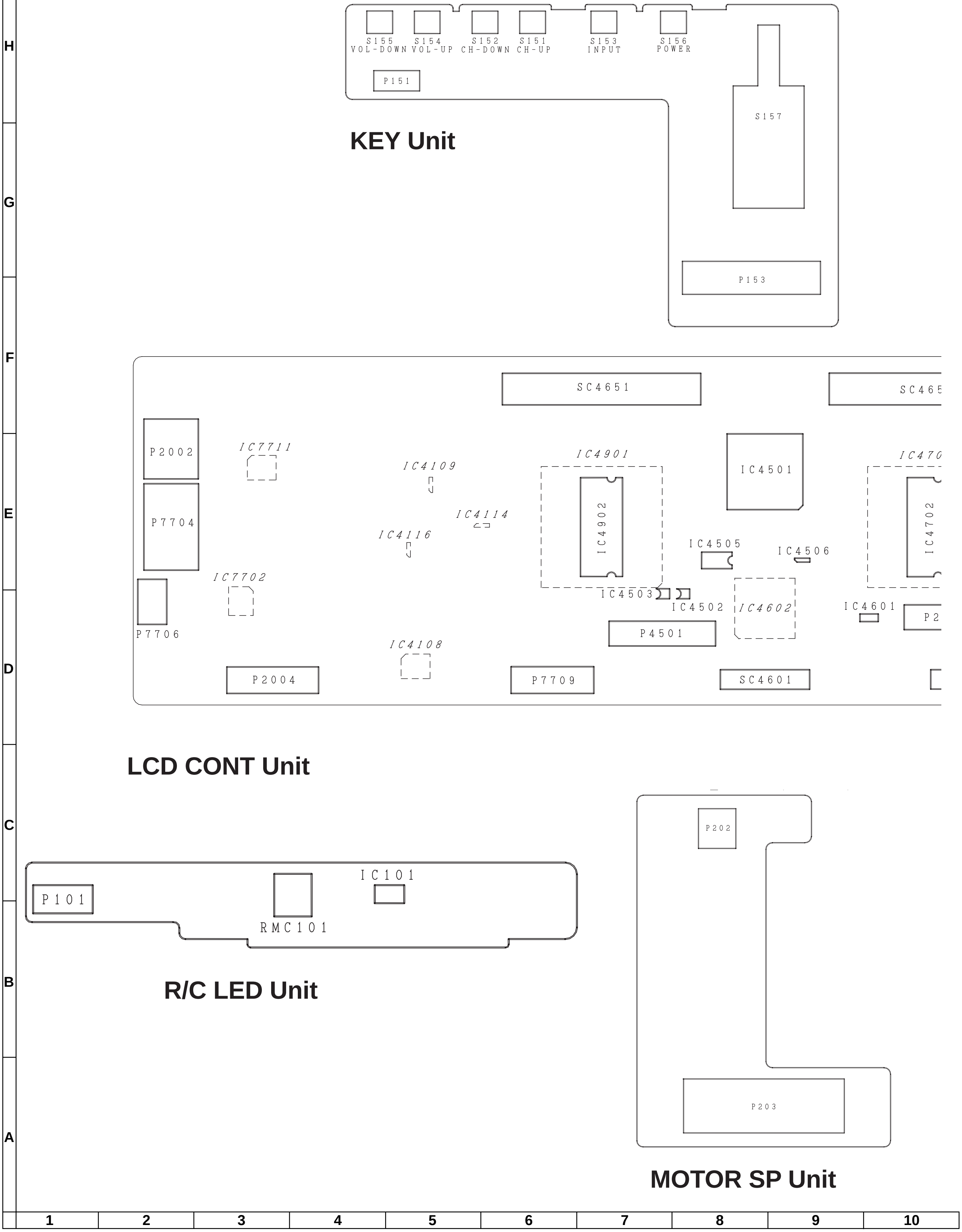

The backlight does not light.
Has the fuse for F7401 or F7501(32") F7503(37") on the INVERTER PWB blown?
Yes
Check the circuits after replacing the fuse.
No
Is power supplied to each INVERTER PWB?
Yes
Is the control signal (OFL1/2, INV-OSC) being output at pins 3, 4, and 5 of BL(P7705) on the LCD CONT PWB?
Yes
Check the fluorescent lamp connector and the inverter circuit.
No
Check the IC4501 (LCD-CONT) peripheral circuits.
No
See if the cable is connected between PWBs.
Yes

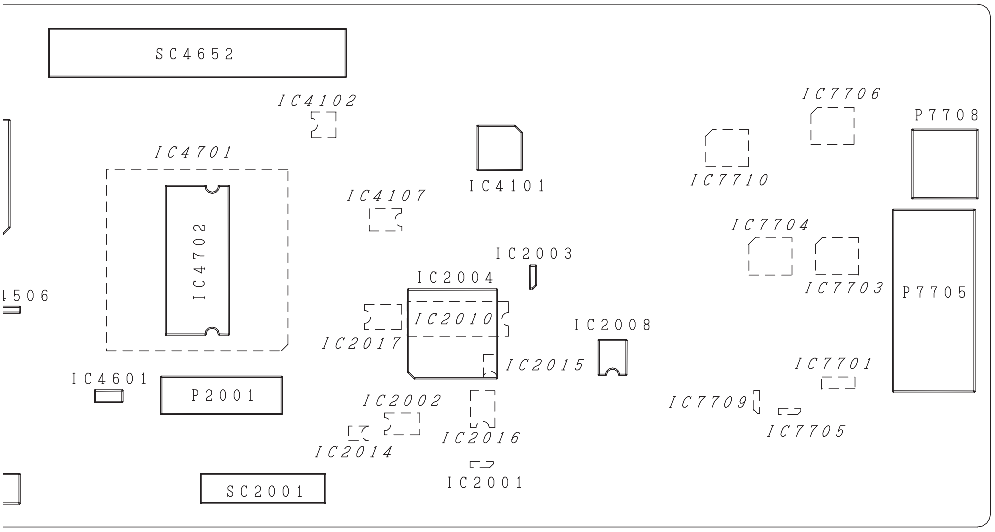

The display is entirely whitish or dark. (LCD power)
When the PATTERN 1 setting in the adjudtment process menu is changed from 00 to 02, is the gradation pattern displayed correctly? (Is it too light or too dark?)
Yes
When the AVC system is connected and the picture is checked, is the display all white or all black?
Yes
Check the AVC system.
No
No
Remove the FPC that is connected to SC4651 and SC4652. (To prevent the panel from breaking)
Check the supply voltage supplied to the panel. (Check it at SC4651 and SC4652.) (VGH,VGL,VLS,VSH)

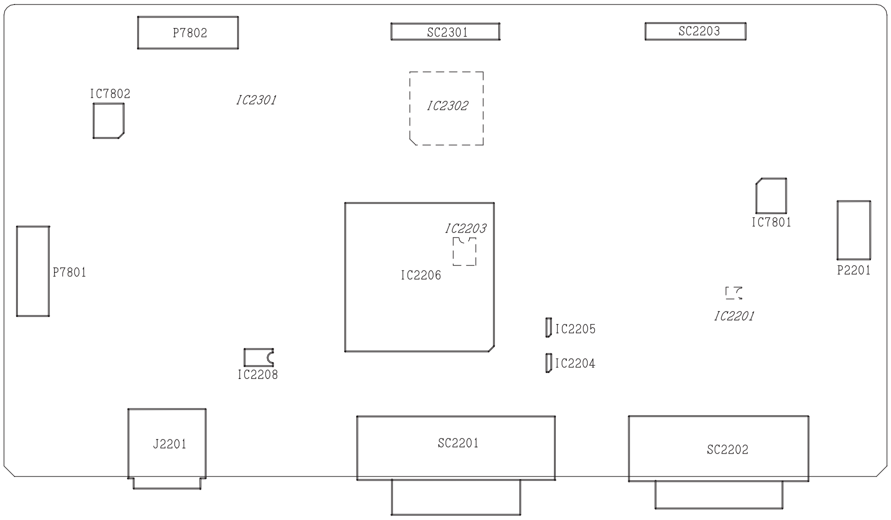

No video output (Display)
TMDS-RX:
Is RESET terminal at pin (3) of IC2206 (TMDS-RX) at "H" level?
No
TMDS-RX:
See if X2201 (16.71MHz) leading to pin (161) of IC2206 is oscillating.
Also check the peripheral circuits.
Yes
TMDS-RX:
Is CLOCK (91.3MHz) output available at pin (102) of IC2206 (TMDS-RX)?
No
TMDS-RX:
Check the peripheral circuits of IC2206 (TMDS-RX).
Yes
LCD CONT UNIT:
Is CLOCK output available at pin (40) of IC4602 (LVDS-RX)?
No
Check the FFC (LV) connection between TMDS-RX PWB and LCD CONT PWB.
Yes
Is the adjustment process mode menu displayed?
No
Check the peripheral circuits of IC4501 (LCD CONT).
Yes
LCD CONT UNIT:
Check IC4701 (QS-DRIV), IC4901 (QS-DRIV) and the peripheral circuits.


No audio output (Display)
Is audio signal available at DISPLAY OUTPUT3 connector (J2201)?
No
Check if AVC Center is generating audio output.
Yes
Is audio signal available at SO connector (P2201)?
No
Check the connection between J2201 and SO connector.
Yes
Is audio signal available at SO connector (P202)?
No
Check SO connector (P202).
Replace if necessary.
Yes
Is speaker wired to audio output terminal (P203) correctly?
No
Correct the wiring, or replace the wire.
Yes
Is audio signal available in the speaker assembly?
No
Check the wire connections in the speaker assembly.
Yes
Replace the speaker, or check the peripheral connections.

CHASSIS LAYOUT


S155
VOL-DOWN
S154
VOL-UP
S152
CH-DOWN
S151
CH-UP
S153
INPUT
S156
POWER
P151
S157
P153
KEY Unit
SC4651
SC465
P2002
IC7711
IC4109
IC4901
IC4501
IC470
P7704
IC4114
IC4902
IC4702
IC4116
IC4505
IC4506
IC7702
IC4503
IC4502
IC4602
IC4601
P2
P7706
P4501
IC4108
P2004
P7709
SC4601
LCD CONT Unit
P202
IC101
P101
RMC101
R/C LED Unit
P203
MOTOR SP Unit
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

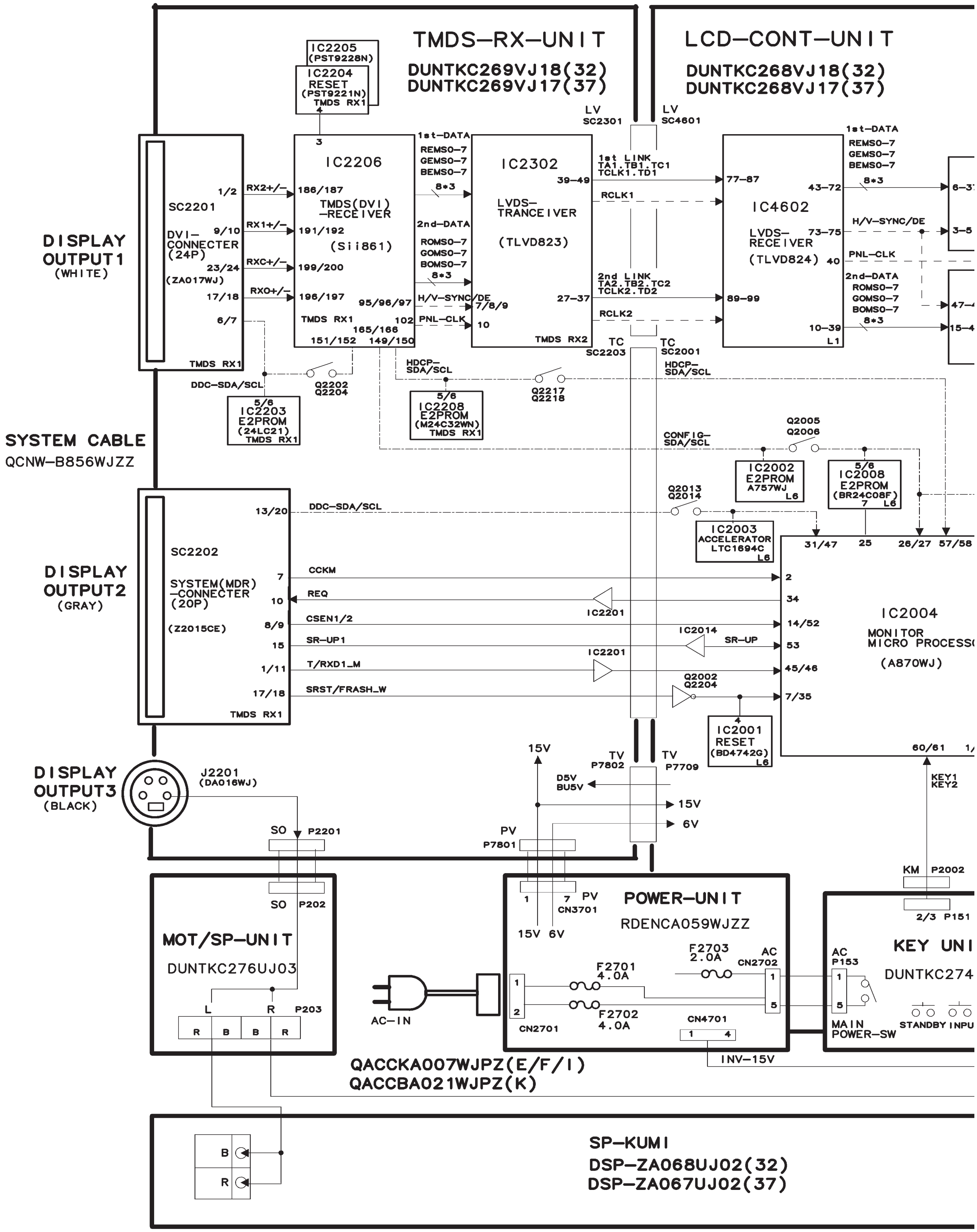

SC4652
IC4102
IC4701
IC4702
IC4107
IC4101
506
IC2003
IC2004
IC2010
IC2017
IC2008
IC2015
IC4601
P2001
IC2002
IC2014
IC2016
IC2001
SC2001
IC7706
P7708
IC7710
IC7704
IC7703
P7705
IC7701
IC7709
IC7705

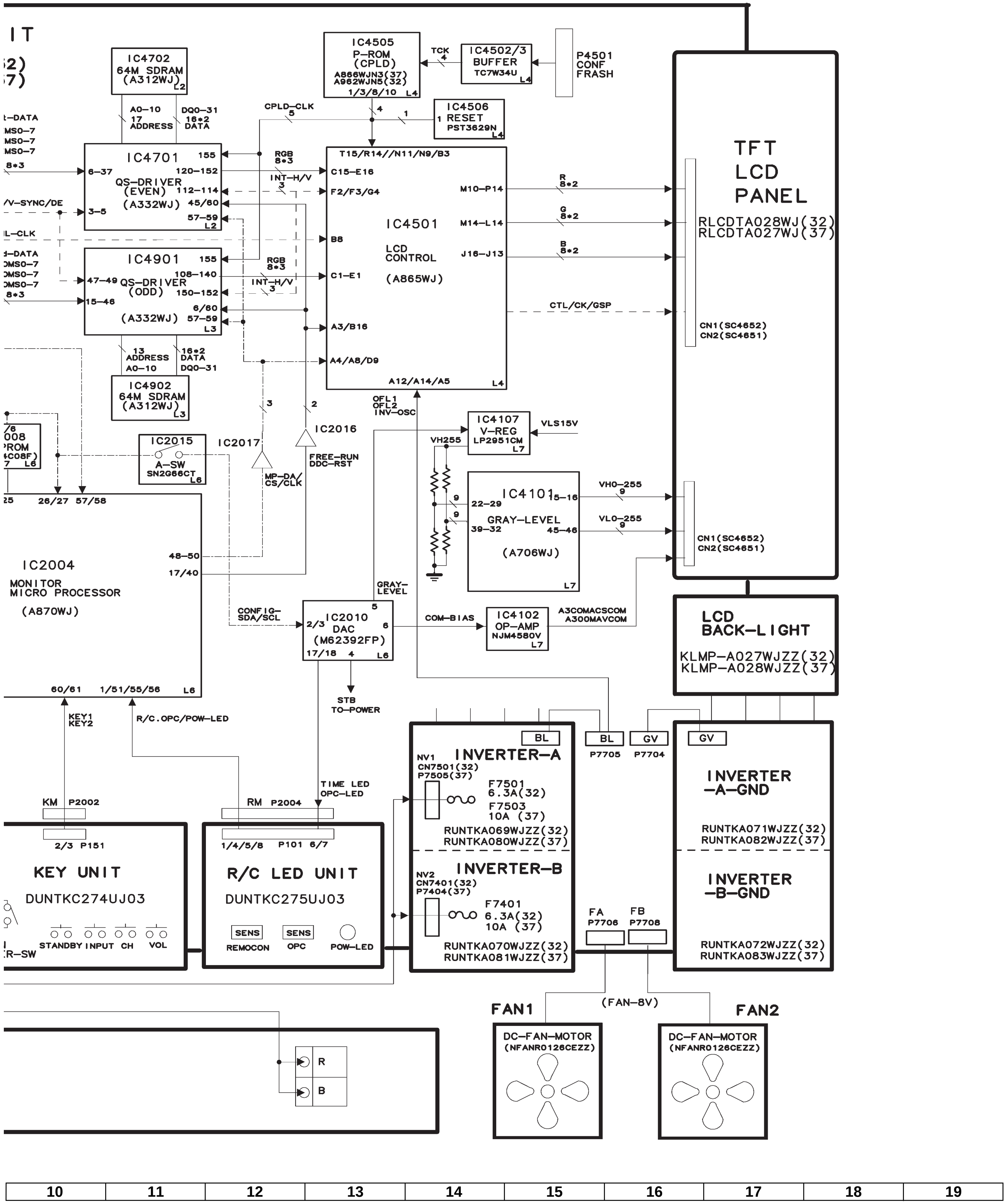

P7802
SC2301
SC2203
IC7802
IC2301
IC2302
IC7801
P2201
IC2203
P7801
IC2206
IC2201
IC2205
IC2204
IC2208
J2201
SC2201
SC2202

TMDS RX Unit

BLOCK DIAGRAM-1/2

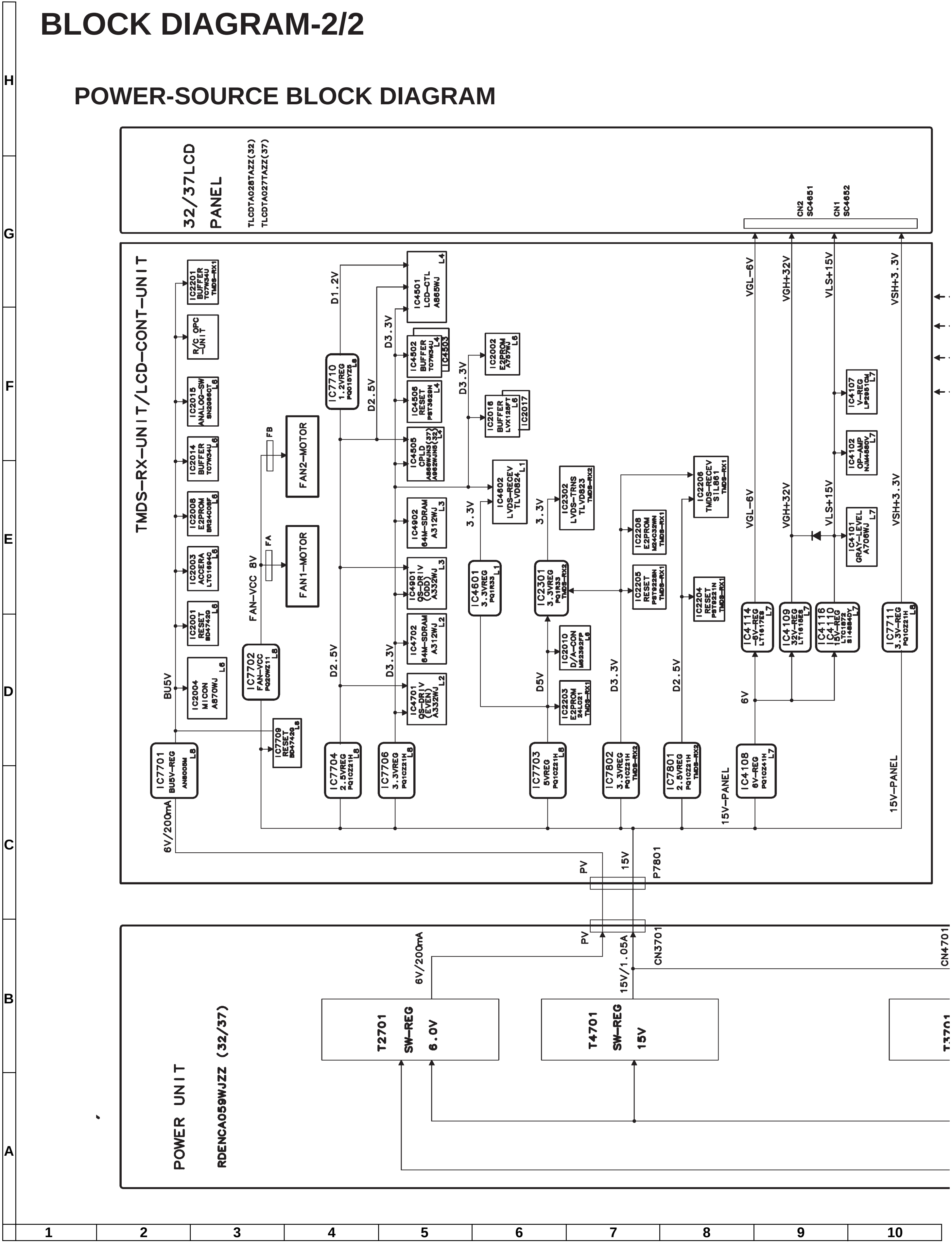
SYSTEM BLOCK DIAGRAM

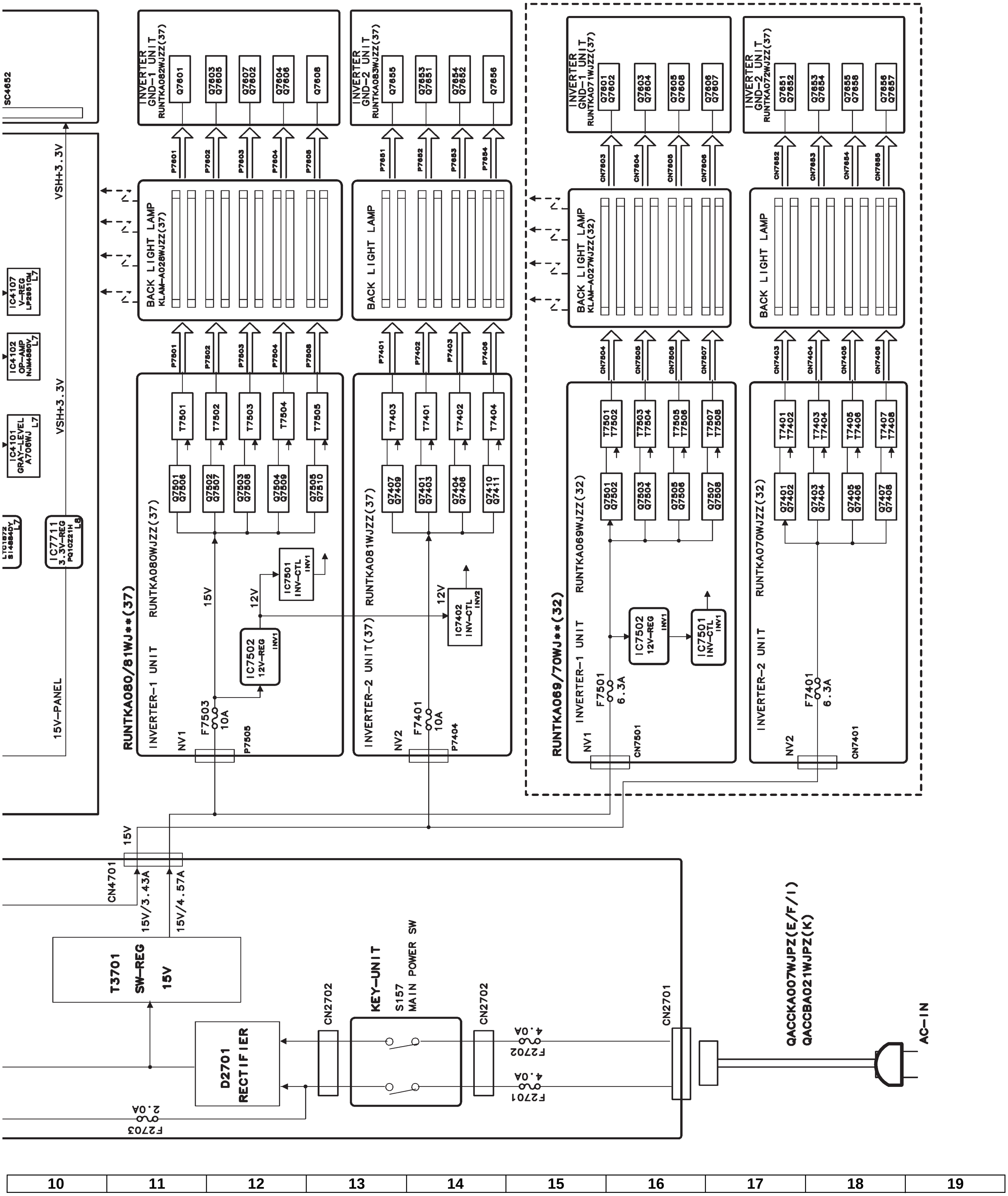

TMDS-RX-UNIT
DUNTKC269VJ18(32)
DUNTKC269VJ17(37)
LCD-CONT-UNIT
DUNTKC268VJ18(32)
DUNTKC268VJ17(37)
IC2205 (PST9228N)
IC2204 RESET (PST9221N) TMDS RX1
IC2206 TMDS(DVI) -RECEIVER (Sii861) TMDS RX1
IC2302 LVDS-TRANCEIVER (TLVD823) TMDS RX2
IC4602 LVDS-RECEIVER (TLVD824) L1
1st-DATA REMS0-7 GEMS0-7 BEMS0-7 8*3
2nd-DATA ROMS0-7 GOMS0-7 BOMS0-7 8*3
H/V-SYNC/DE
PNL-CLK
RCLK1
RCLK2
1st LINK TA1.TB1.TC1 TCLK1.TD1
2nd LINK TA2.TB2.TC2 TCLK2.TD2
LV SC2301
LV SC4601
TC SC2203
TC SC2001
DISPLAY OUTPUT1 (WHITE)
SC2201 DVI-CONNECTER (24P) (ZA017WJ) TMDS RX1
RX2+/-
RX1+/-
RXC+/-
RX0+/-
DDC-SDA/SCL
Q2202 Q2204
IC2203 E2PROM (24LC21) TMDS RX1
HDCP-SDA/SCL
IC2208 E2PROM (M24C32WN) TMDS RX1
Q2217 Q2218
CONFIG-SDA/SCL
Q2005 Q2006
IC2002 E2PROM A757WJ L6
IC2008 E2PROM (BR24C08F) L6
Q2013 Q2014
IC2003 ACCELERATOR LTC1694C L6
SYSTEM CABLE
QCNW-B856WJZZ
DISPLAY OUTPUT2 (GRAY)
SC2202 SYSTEM(MDR) -CONNECTER (20P) (Z2015CE) TMDS RX1
CCKM
REQ
CSEN1/2
SR-UP1
T/RXD1_M
SRST/FRASH_W
IC2201
IC2014 SR-UP
Q2002 Q2204
IC2004 MONITOR MICRO PROCESS (A870WJ)
IC2001 RESET (BD4742G) L6
DISPLAY OUTPUT3 (BLACK)
J2201 (DA016WJ)
SO P2201
15V
TV P7802
TV P7709
D5V BU5V
15V
6V
PV P7801
KM P2002
KEY1 KEY2
SO P202
MOT/SP-UNIT
DUNTKC276UJ03
L R P203
R B B R
PV CN3701
POWER-UNIT
RDENCA059WJZZ
15V 6V
F2701 4.0A
F2702 4.0A
F2703 2.0A
AC CN2702
CN2701
CN4701
INV-15V
AC-IN
2/3 P151
AC P153
KEY UNI
DUNTKC274
MAIN POWER-SW
STANDBY INPU
QACCKA007WJPZ(E/F/I)
QACCBA021WJPZ(K)
SP-KUMI
DSP-ZA068UJ02(32)
DSP-ZA067UJ02(37)
B
R


IT
2)
7)
IC4702
64M SDRAM
(A312WJ)
L2
IC4505
P-ROM
(CPLD)
A866WJN3(37)
A962WJN5(32)
1/3/8/10 L4
TCK
4
IC4502/3
BUFFER
TC7W34U
L4
P4501
CONF
FRASH
A0–10
17
ADDRESS
DQ0–31
16*2
DATA
CPLD–CLK
5
4
1
IC4506
1 RESET
PST3629N
L4
-DATA
MS0–7
MS0–7
MS0–7
8*3
IC4701
155
6–37
120–152
QS–DRIVER
(EVEN)
112–114
(A332WJ)
45/60
3–5
57–59
L2
/V–SYNC/DE
-CLK
RGB
8*3
INT–H/V
3
T15/R14//N11/N9/B3
C15–E16
F2/F3/G4
B8
IC4501
LCD
CONTROL
(A865WJ)
M10–P14
M14–L14
J16–J13
R
8*2
G
8*2
B
8*2
CTL/CK/GSP
TFT
LCD
PANEL
RLCDTA028WJ(32)
RLCDTA027WJ(37)
CN1(SC4652)
CN2(SC4651)
-DATA
MS0–7
MS0–7
MS0–7
8*3
IC4901
155
47–49
QS–DRIVER
(ODD)
108–140
150–152
15–46
6/60
(A332WJ)
57–59
L3
RGB
8*3
INT–H/V
3
C1–E1
A3/B16
A4/A8/D9
A12/A14/A5
L4
13
ADDRESS
A0–10
16*2
DATA
DQ0–31
IC4902
64M SDRAM
(A312WJ)
L3
OFL1
OFL2
INV–OSC
IC4107
V–REG
LP2951CM
L7
VLS15V
VH255
/6
008
PROM
C08F)
7 L6
IC2015
A–SW
SN2G66CT
L6
IC2017
3
2
IC2016
MP–DA/
CS/CLK
FREE–RUN
DDC–RST
IC4101
9
22–29
9
39–32
15–16
GRAY–LEVEL
45–46
(A706WJ)
L7
VH0–255
9
VL0–255
9
CN1(SC4652)
CN2(SC4651)
25
26/27
57/58
IC2004
MONITOR
MICRO PROCESSOR
(A870WJ)
48–50
17/40
60/61
1/51/55/56
L6
GRAY–
LEVEL
5
CONFIG–
SDA/SCL
2/3
IC2010
DAC
(M62392FP)
6
17/18
4
L6
COM–BIAS
IC4102
OP–AMP
NJM4580V
L7
A3COMACSCOM
A300MAVCOM
LCD
BACK–LIGHT
KLMP–A027WJZZ(32)
KLMP–A028WJZZ(37)
STB
TO–POWER
KEY1
KEY2
R/C.OPC/POW–LED
TIME LED
OPC–LED
BL
BL
P7705
GV
P7704
GV
NV1
CN7501(32)
P7505(37)
INVERTER–A
F7501
6.3A(32)
F7503
10A (37)
RUNTKA069WJZZ(32)
RUNTKA080WJZZ(37)
INVERTER
–A–GND
RUNTKA071WJZZ(32)
RUNTKA082WJZZ(37)
KM
P2002
RM
P2004
2/3
P151
1/4/5/8
P101
6/7
KEY UNIT
DUNTKC274UJ03
R/C LED UNIT
DUNTKC275UJ03
STANDBY
INPUT
CH
VOL
-SW
SENS
REMOCON
SENS
OPC
POW–LED
NV2
CN7401(32)
P7404(37)
INVERTER–B
F7401
6.3A(32)
10A (37)
RUNTKA070WJZZ(32)
RUNTKA081WJZZ(37)
FA
P7706
FB
P7708
INVERTER
–B–GND
RUNTKA072WJZZ(32)
RUNTKA083WJZZ(37)
FAN1
(FAN–8V)
FAN2
DC–FAN–MOTOR
(NFANR0126CEZZ)
DC–FAN–MOTOR
(NFANR0126CEZZ)
R
B
10
11
12
13
14
15
16
17
18
19

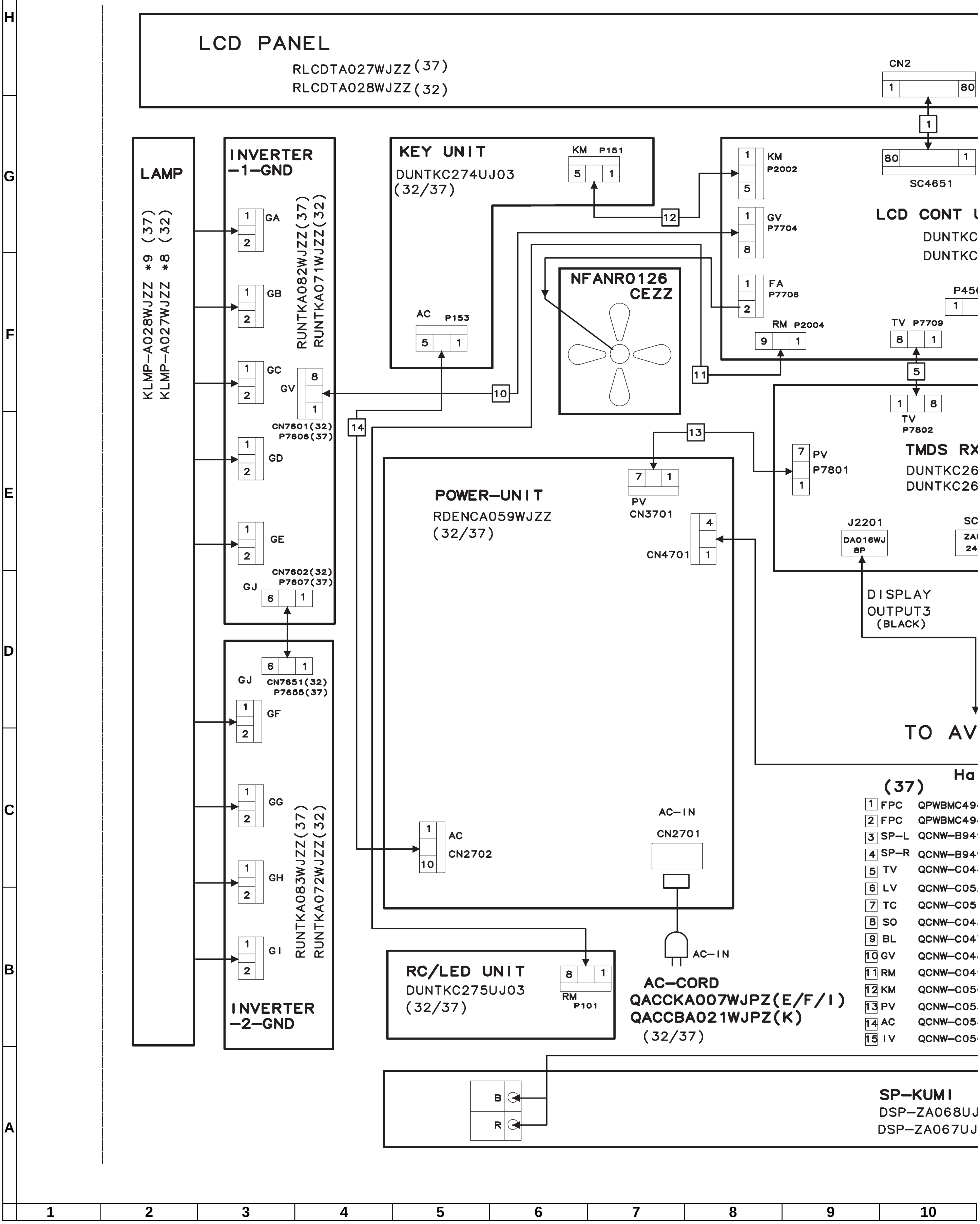
BLOCK DIAGRAM-2/2

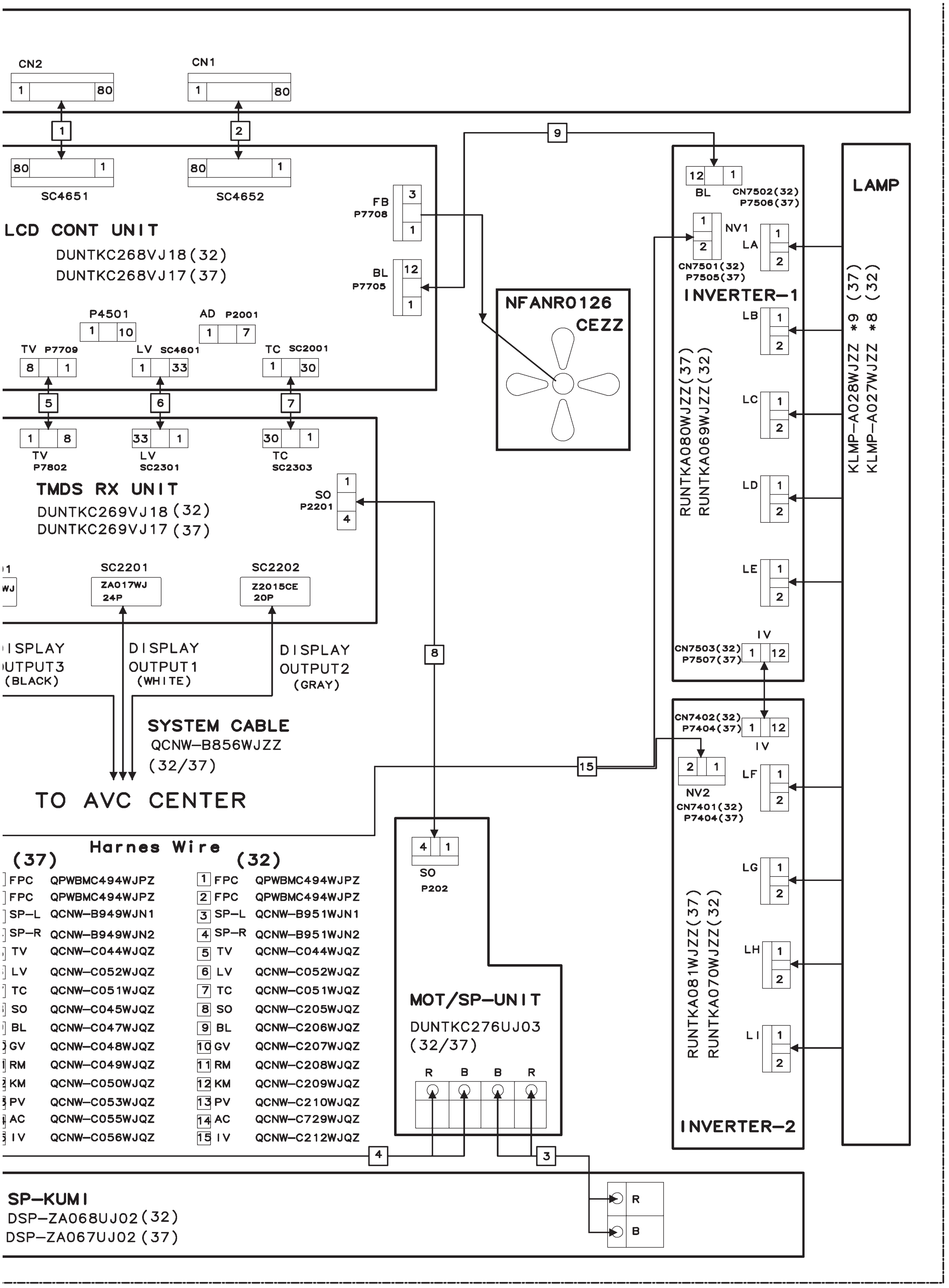
POWER-SOURCE BLOCK DIAGRAM


32/37LCD PANEL
TLCDTA028TAZZ(32)
TLCDTA027TAZZ(37)
CN2 SC4651
CN1 SC4652
TMDS-RX-UNIT/LCD-CONT-UNIT
IC2201 BUFFER TC7W34U TMDS-RX1
R/C OPC -UNIT
IC2015 ANALOG-SW SN2G66CT L6
IC2014 BUFFER TC7W34U L6
IC2008 E2PROM BR24C08F L6
IC2003 ACCERA LT01664C L6
IC2001 RESET BD4742G L6
IC2004 MICON A870WJ L6
BU5V
IC7701 BU5V-REG AN8005M L8
6V/200mA
IC7709 RESET BD4742G L8
IC7702 FAN-VCC PQ20WZ1 L8
FAN-VCC 8V
FA
FB
FAN1-MOTOR
FAN2-MOTOR
IC7710 1.2VREG PQ015YZ5 L8
D1.2V
D2.5V
D3.3V
IC4501 LCD-CTL A865WJ L4
IC4502 BUFFER TC7W34U L4
IC4503
IC4506 RESET PST3629N L4
IC4505 CPLD A868WJN3(37) A862WJN6(32) L4
IC4902 64M-SDRAM A312WJ L3
IC4901 QS-DRIV (ODD) A332WJ L3
IC4702 64M-SDRAM A312WJ L2
IC4701 QS-DRIV (EVEN) A332WJ L2
IC7704 2.5VREG PQ1CZ21H L8
IC7706 3.3VREG PQ1CZ21H L8
IC2002 E2PROM A757WJ L6
IC2016 BUFFER LVX125FT L6
IC2017
IC4602 LVDS-RECEV TLVD824 L1
IC4601 3.3VREG PQ1R33 L1
3.3V
IC2302 LVDS-TRNS TLVD823 TMDS-RX2
IC2301 3.3VREG PQ1R33 TMDS-RX2
IC2010 D/A-CON M62392FP L6
IC2203 E2PROM 24LC21 TMDS-RX1
D5V
IC7703 5VREG PQ1CZ21H L8
IC7802 3.3VREG PQ1CZ21H TMDS-RX2
IC7801 2.5VREG PQ1CZ21H TMDS-RX2
IC2208 E2PROM M24C32WN TMDS-RX1
IC2205 RESET PST9228N TMDS-RX1
IC2206 TMDS-RECEV SIL861 TMDS-RX1
IC2204 RESET PST9221N TMDS-RX1
VGL-6V
VGH+32V
VLS+15V
VSH+3.3V
IC4107 V-REG LP2951CM L7
IC4102 OP-AMP NJM4580V L7
IC4101 GRAY-LEVEL A706WJ L7
IC4114 -6V-REG LT1617ES L7
IC4109 32V-REG LT1615ES L7
IC4116 IC4110 15V-REG LTC1872 SI4884DY L7
IC7711 3.3V-REG PQ1CZ21H L8
6V
IC4108 6V-REG PQ1CZ41H L7
15V-PANEL
PV
15V
P7801
CN3701
CN4701
6V/200mA
15V/1.05A
T2701 SW-REG 6.0V
T4701 SW-REG 15V
POWER UNIT
RDENCA059WJZZ (32/37)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


SC4652
VSH+3.3V
IC4107 V-REG LP2951CM L7
IC4102 OP-AMP NJM4580V L7
IC4101 GRAY-LEVEL A706WJ L7
LTC1872 SI4884DY L7
IC7711 3.3V-REG PQ1G221H L8
VSH+3.3V
15V-PANEL
RUNTKA080/81WJ**(37)
INVERTER-1 UNIT RUNTKA080WJZZ(37)
NV1
F7503 10A
P7505
IC7502 12V-REG INV1
15V
12V
IC7501 INV-CTL INV1
Q7501 Q7506
Q7502 Q7507
Q7503 Q7508
Q7504 Q7509
Q7505 Q7510
T7501
T7502
T7503
T7504
T7505
P7501
P7502
P7503
P7504
P7505
BACK LIGHT LAMP KLAM-A026WJZZ(37)
P7601
P7602
P7603
P7604
P7605
INVERTER GND-1 UNIT RUNTKA082WJZZ(37)
Q7601
Q7603 Q7605
Q7607 Q7602
Q7604 Q7606
Q7608
INVERTER-2 UNIT(37) RUNTKA081WJZZ(37)
NV2
F7401 10A
P7404
12V
IC7402 INV-CTL INV2
Q7407 Q7409
Q7401 Q7403
Q7404 Q7406
Q7410 Q7411
T7403
T7401
T7402
T7404
P7401
P7402
P7403
P7405
BACK LIGHT LAMP
P7651
P7652
P7653
P7654
INVERTER GND-2 UNIT RUNTKA083WJZZ(37)
Q7655
Q7653 Q7651
Q7654 Q7652
Q7656
RUNTKA069/70WJ**(32)
INVERTER-1 UNIT RUNTKA069WJZZ(32)
NV1
F7501 6.3A
CN7501
IC7502 12V-REG INV1
IC7501 INV-CTL INV1
Q7501 Q7502
Q7503 Q7504
Q7505 Q7506
Q7507 Q7508
T7501 T7502
T7503 T7504
T7505 T7506
T7507 T7508
CN7504
CN7505
CN7506
CN7507
BACK LIGHT LAMP KLAM-A027WJZZ(32)
CN7603
CN7604
CN7605
CN7606
INVERTER GND-1 UNIT RUNTKA071WJZZ(37)
Q7601 Q7602
Q7603 Q7604
Q7605 Q7608
Q7606 Q7607
INVERTER-2 UNIT RUNTKA070WJZZ(32)
NV2
F7401 6.3A
CN7401
Q7401 Q7402
Q7403 Q7404
Q7405 Q7406
Q7407 Q7408
T7401 T7402
T7403 T7404
T7405 T7406
T7407 T7408
CN7403
CN7404
CN7405
CN7406
BACK LIGHT LAMP
CN7652
CN7653
CN7654
CN7655
INVERTER GND-2 UNIT RUNTKA072WJZZ(37)
Q7651 Q7652
Q7653 Q7654
Q7655 Q7658
Q7656 Q7657
15V
CN4701
15V/3.43A
15V/4.57A
T3701 SW-REG 15V
D2701 RECTIFIER
F2703 2.0A
CN2702
KEY-UNIT S157 MAIN POWER SW
CN2702
F2702 4.0A
F2701 4.0A
CN2701
QACCKA007WJPZ(E/F/I)
QACCBA021WJPZ(K)
AC-IN
10
11
12
13
14
15
16
17
18
19

OVERALL WIRING DIAGRAM


LCD PANEL
RLCDTA027WJZZ(37)
RLCDTA028WJZZ(32)
CN2
1 80
LAMP
KLMP-A028WJZZ *9 (37)
KLMP-A027WJZZ *8 (32)
INVERTER
-1-GND
RUNTKA082WJZZ(37)
RUNTKA071WJZZ(32)
GA
GB
GC
GD
GE
GV
CN7601(32)
P7606(37)
CN7602(32)
P7607(37)
GJ
KEY UNIT
DUNTKC274UJ03
(32/37)
KM P151
AC P153
NFANR0126
CEZZ
KM
P2002
GV
P7704
FA
P7706
RM P2004
TV P7709
SC4651
LCD CONT U
DUNTKC
DUNTKC
P45
TV
P7802
TMDS RX
DUNTKC26
DUNTKC26
PV
P7801
J2201
DA016WJ
8P
SC
ZA
24
DISPLAY
OUTPUT3
(BLACK)
TO AV
POWER-UNIT
RDENCA059WJZZ
(32/37)
PV
CN3701
CN4701
AC
CN2702
AC-IN
CN2701
AC-IN
AC-CORD
QACCKA007WJPZ(E/F/I)
QACCBA021WJPZ(K)
(32/37)
INVERTER
-2-GND
RUNTKA083WJZZ(37)
RUNTKA072WJZZ(32)
GJ
CN7651(32)
P7655(37)
GF
GG
GH
GI
RC/LED UNIT
DUNTKC275UJ03
(32/37)
RM
P101
SP-KUMI
DSP-ZA068UJ
DSP-ZA067UJ
B
R
Ha
(37)
1 FPC QPWBMC49
2 FPC QPWBMC49
3 SP-L QCNW-B94
4 SP-R QCNW-B94
5 TV QCNW-C04
6 LV QCNW-C05
7 TC QCNW-C05
8 SO QCNW-C04
9 BL QCNW-C04
10 GV QCNW-C04
11 RM QCNW-C04
12 KM QCNW-C05
13 PV QCNW-C05
14 AC QCNW-C05
15 IV QCNW-C05
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


CN2
1
80
CN1
1
80
1
2
9
80
1
SC4651
80
1
SC4652
LCD CONT UNIT
DUNTKC268VJ18(32)
DUNTKC268VJ17(37)
FB
P7708
3
1
BL
P7705
12
1
P4501
1
10
AD P2001
1
7
TV P7709
8
1
LV SC4601
1
33
TC SC2001
1
30
5
6
7
1
8
TV
P7802
33
1
LV
SC2301
30
1
TC
SC2303
TMDS RX UNIT
DUNTKC269VJ18(32)
DUNTKC269VJ17(37)
SO
P2201
1
4
SC2201
ZA017WJ
24P
SC2202
Z2015CE
20P
DISPLAY
OUTPUT3
(BLACK)
DISPLAY
OUTPUT1
(WHITE)
DISPLAY
OUTPUT2
(GRAY)
SYSTEM CABLE
QCNW-B856WJZZ
(32/37)
TO AVC CENTER
8
NFANR0126
CEZZ
12
1
BL
CN7502(32)
P7506(37)
1
2
NV1
CN7501(32)
P7505(37)
LA
LB
LC
LD
LE
1
2
INVERTER-1
RUNTKA080WJZZ(37)
RUNTKA069WJZZ(32)
IV
CN7503(32)
P7507(37)
1
12
CN7402(32)
P7404(37)
1
12
IV
15
2
1
NV2
CN7401(32)
P7404(37)
LF
LG
LH
LI
RUNTKA081WJZZ(37)
RUNTKA070WJZZ(32)
INVERTER-2
LAMP
KLMP-A028WJZZ *9 (37)
KLMP-A027WJZZ *8 (32)
4
1
SO
P202
MOT/SP-UNIT
DUNTKC276UJ03
(32/37)
R
B
B
R
4
3
SP-KUMI
DSP-ZA068UJ02(32)
DSP-ZA067UJ02(37)
R
B

Harnes Wire

(37)			(32)	
FPC	QPWBMC494WJPZ	1	FPC	QPWBMC494WJPZ
FPC	QPWBMC494WJPZ	2	FPC	QPWBMC494WJPZ
SP-L	QCNW-B949WJN1	3	SP-L	QCNW-B951WJN1
SP-R	QCNW-B949WJN2	4	SP-R	QCNW-B951WJN2
TV	QCNW-C044WJQZ	5	TV	QCNW-C044WJQZ
LV	QCNW-C052WJQZ	6	LV	QCNW-C052WJQZ
TC	QCNW-C051WJQZ	7	TC	QCNW-C051WJQZ
SO	QCNW-C045WJQZ	8	SO	QCNW-C205WJQZ
BL	QCNW-C047WJQZ	9	BL	QCNW-C206WJQZ
GV	QCNW-C048WJQZ	10	GV	QCNW-C207WJQZ
RM	QCNW-C049WJQZ	11	RM	QCNW-C208WJQZ
KM	QCNW-C050WJQZ	12	KM	QCNW-C209WJQZ
PV	QCNW-C053WJQZ	13	PV	QCNW-C210WJQZ
AC	QCNW-C055WJQZ	14	AC	QCNW-C729WJQZ
IV	QCNW-C056WJQZ	15	IV	QCNW-C212WJQZ

DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. The voltage of each part is the value on operation of the monitor only. It is measured using a 20 kΩ/V tester.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
   (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
   (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are Carbon type, unless otherwise noted.
   Ⓒ: Solid
   Ⓢ: Oxide Film
   Ⓝ: Metal Coating
   Ⓦ: Cement
   Ⓣ: Special

CAPACITOR

1. All capacitors are mF, unless otherwise noted.
   (P=pF=mmF).
2. All capacitors are Ceramic type, unless otherwise noted.
   (ML) : Mylar
   (PF) : Polypro Film
   (TA) : Tantalum
   (ST) : Styrol

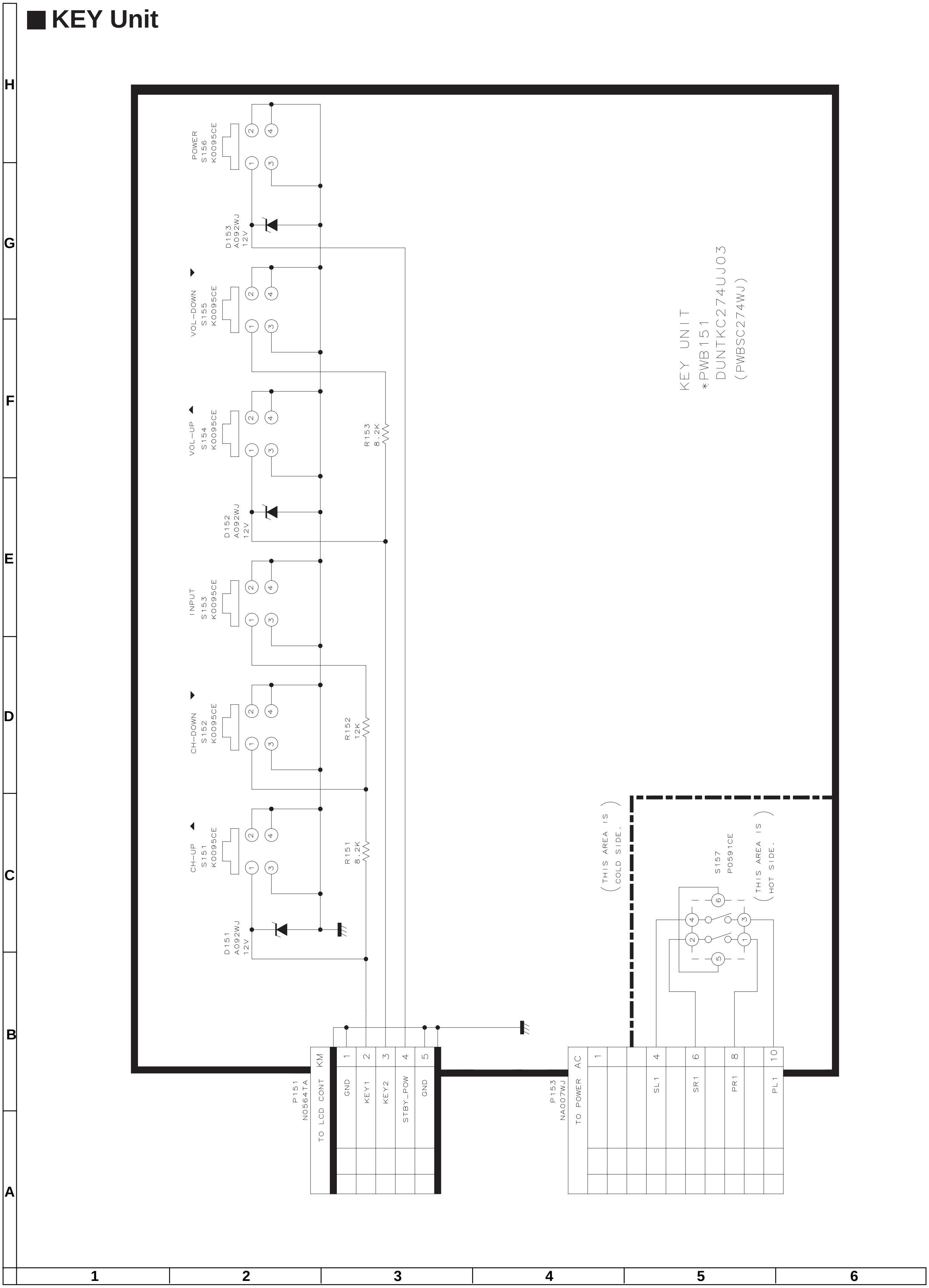
CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

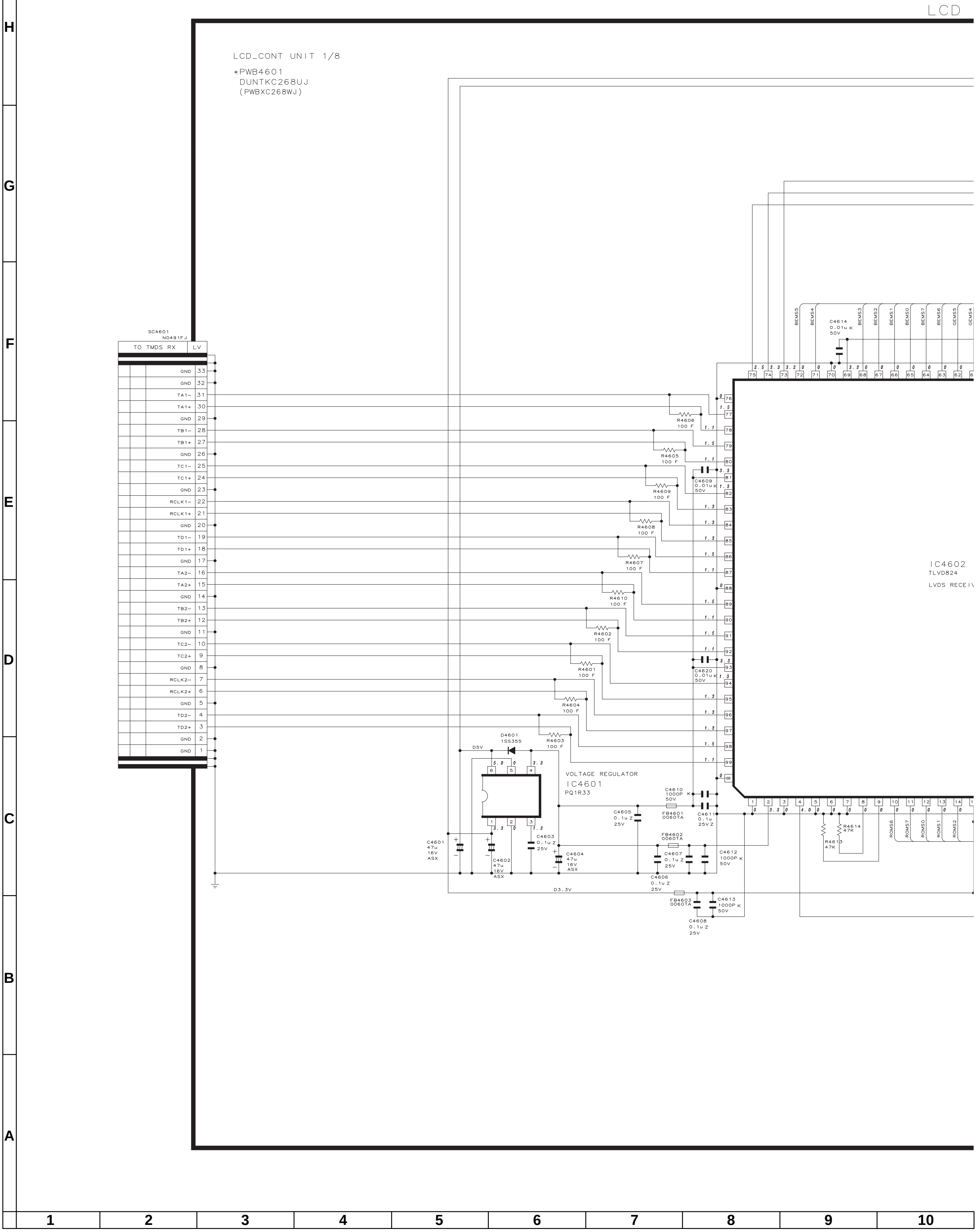
IMPORTANT SAFETY NOTICE:

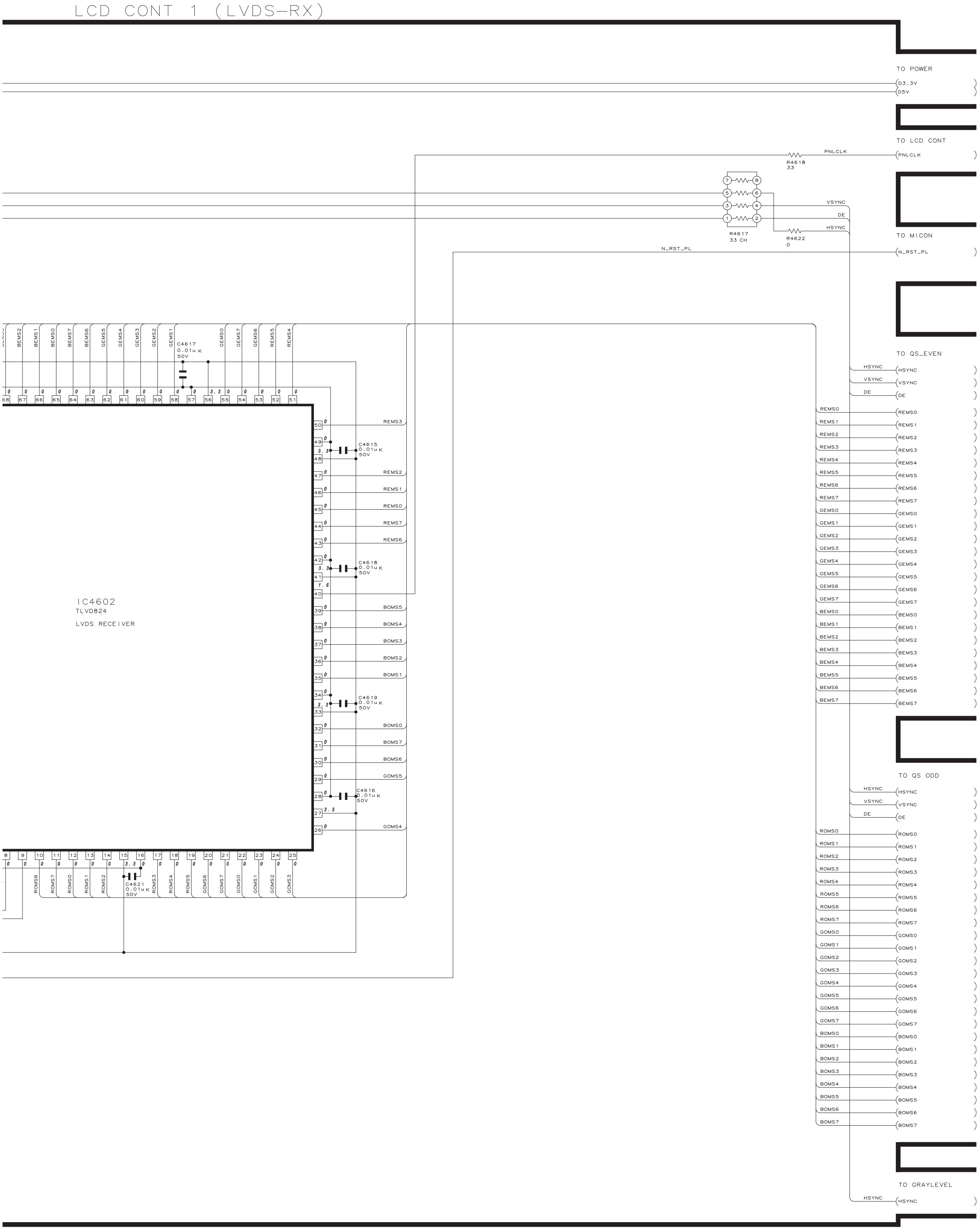
PARTS MARKED WITH "⚠" (▨)ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

■ KEY Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
POWER
S156
K0095CE
D153
A092WJ
12V
VOL-DOWN
S155
K0095CE
VOL-UP
S154
K0095CE
R153
8.2K
D152
A092WJ
12V
INPUT
S153
K0095CE
CH-DOWN
S152
K0095CE
R152
12K
CH-UP
S151
K0095CE
R151
8.2K
D151
A092WJ
12V
KEY UNIT
*PWB151
DUNTKC274UJ03
(PWBSC274WJ)
(THIS AREA IS COLD SIDE.)
(THIS AREA IS HOT SIDE.)
S157
P0591CE
P151
N0564TA
TO LCD CONT
KM
1 GND
2 KEY1
3 KEY2
4 STBY_POW
5 GND
P153
NA007WJ
TO POWER
AC
1
4 SL1
6 SR1
8 PR1
10 PL1

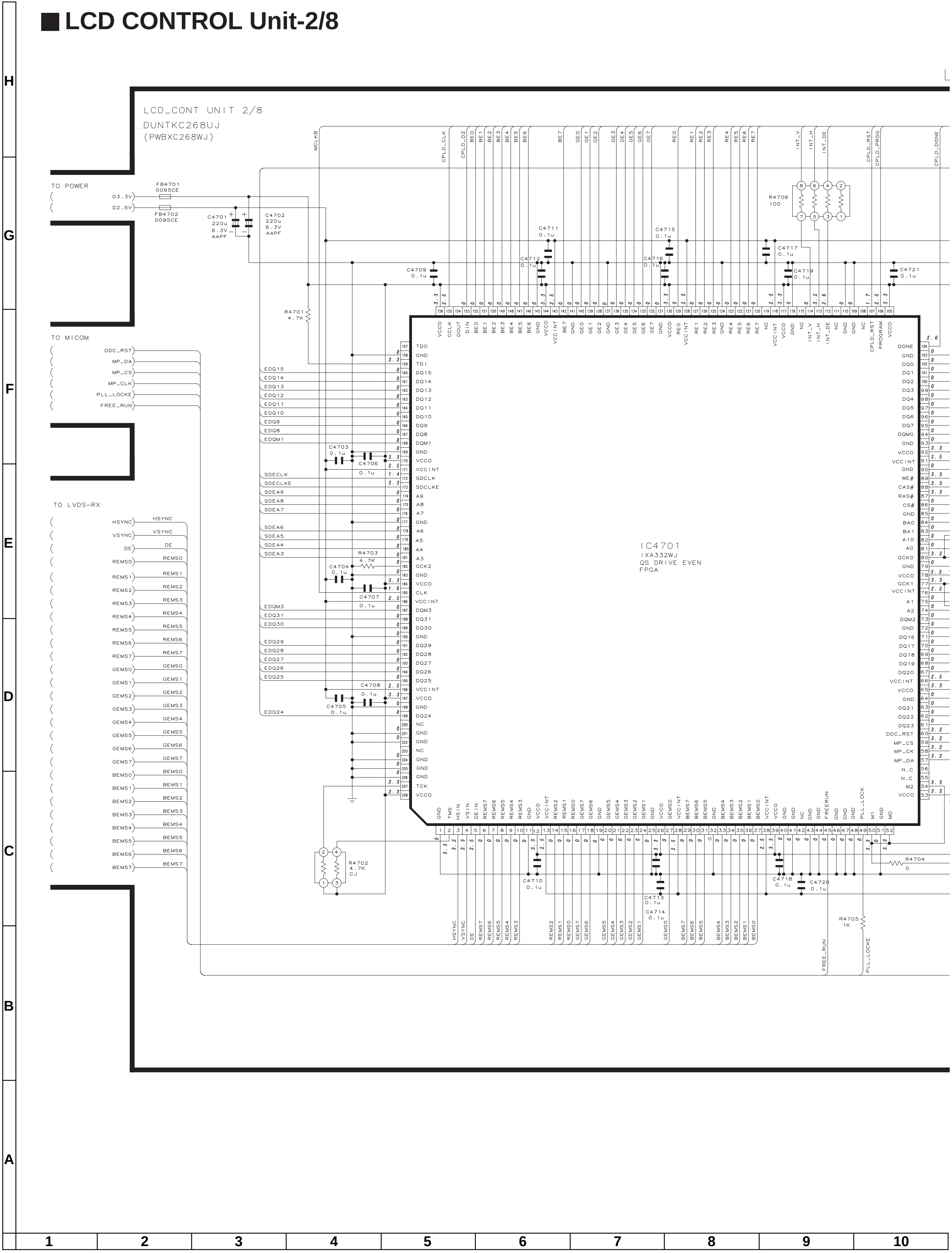
■ LCD CONTROL Unit-1/8


LCD
LCD_CONT UNIT 1/8
*PWB4601
DUNTKC268UJ
(PWBXC268WJ)
SC4601
N0491FJ
TO TMDS RX
LV
GND 33
GND 32
TA1− 31
TA1+ 30
GND 29
TB1− 28
TB1+ 27
GND 26
TC1− 25
TC1+ 24
GND 23
RCLK1− 22
RCLK1+ 21
GND 20
TD1− 19
TD1+ 18
GND 17
TA2− 16
TA2+ 15
GND 14
TB2− 13
TB2+ 12
GND 11
TC2− 10
TC2+ 9
GND 8
RCLK2− 7
RCLK2+ 6
GND 5
TD2− 4
TD2+ 3
GND 2
GND 1
R4606 100 F
R4605 100 F
R4609 100 F
R4608 100 F
R4607 100 F
R4610 100 F
R4602 100 F
R4601 100 F
R4604 100 F
R4603 100 F
C4609 0.01u K 50V
C4620 0.01u K 50V
C4614 0.01u K 50V
BEMS5
BEMS4
BEMS3
BEMS2
BEMS1
BEMS0
BEMS7
BEMS6
GEMS5
GEMS4
IC4602
TLVD824
LVDS RECEI
D4601
1SS355
D5V
VOLTAGE REGULATOR
IC4601
PQ1R33
C4601 47u 16V ASX
C4602 47u 16V ASX
C4603 0.1u Z 25V
C4604 47u 16V ASX
C4605 0.1u Z 25V
C4610 1000P K 50V
FB4601 0060TA
C4611 0.1u 25V Z
FB4602 0060TA
C4607 0.1u Z 25V
C4612 1000P K 50V
C4606 0.1u Z 25V
FB4603 0060TA
C4613 1000P K 50V
C4608 0.1u Z 25V
D3.3V
R4614 47K
R4613 47K
ROMS6
ROMS7
ROMS0
ROMS1
ROMS2
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

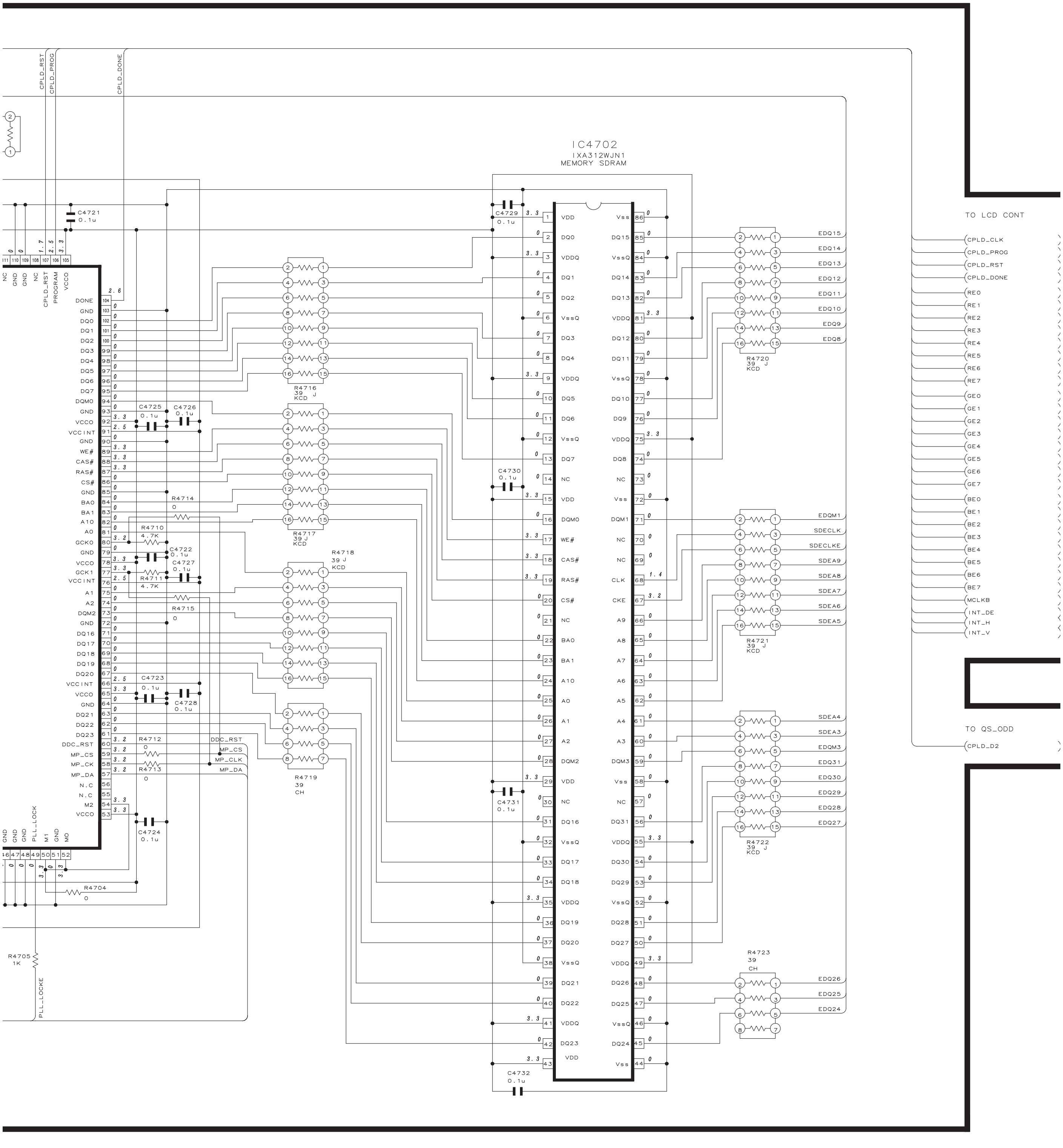

LCD CONT 1 (LVDS-RX)
TO POWER
D3.3V
D5V
TO LCD CONT
PNLCLK
R4618
33
R4617
33 CH
R4622
0
VSYNC
DE
HSYNC
N_RST_PL
TO MICON
IC4602
TLVD824
LVDS RECEIVER
C4617
0.01u K
50V
C4615
0.01u K
50V
C4618
0.01u K
50V
C4619
0.01u K
50V
C4616
0.01u K
50V
C4621
0.01u K
50V
TO QS_EVEN
REMS0
REMS1
REMS2
REMS3
REMS4
REMS5
REMS6
REMS7
GEMS0
GEMS1
GEMS2
GEMS3
GEMS4
GEMS5
GEMS6
GEMS7
BEMS0
BEMS1
BEMS2
BEMS3
BEMS4
BEMS5
BEMS6
BEMS7
TO QS ODD
ROMS0
ROMS1
ROMS2
ROMS3
ROMS4
ROMS5
ROMS6
ROMS7
GOMS0
GOMS1
GOMS2
GOMS3
GOMS4
GOMS5
GOMS6
GOMS7
BOMS0
BOMS1
BOMS2
BOMS3
BOMS4
BOMS5
BOMS6
BOMS7
TO GRAYLEVEL
HSYNC

10	11	12	13	14	15	16	17	18	19

■ LCD CONTROL Unit-2/8

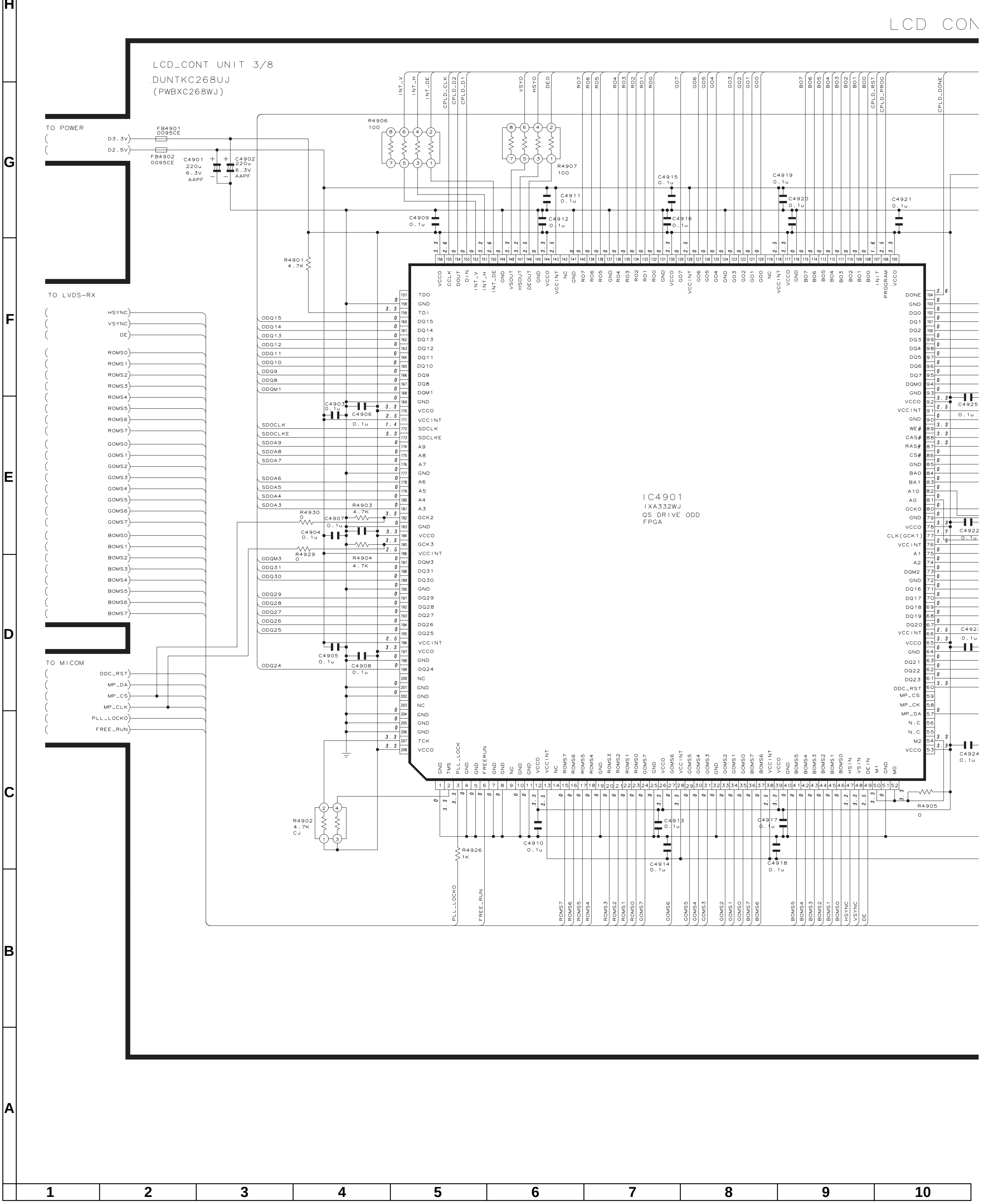

LCD_CONT UNIT 2/8
DUNTKC268UJ
(PWBXC268WJ)
TO POWER
D3.3V
D2.5V
FB4701 0095CE
FB4702 0095CE
C4701 220u 6.3V AAPF
C4702 220u 6.3V AAPF
TO MICOM
DDC_RST
MP_DA
MP_CS
MP_CLK
PLL_LOCKE
FREE_RUN
TO LVDS-RX
HSYNC
VSYNC
DE
REMS0
REMS1
REMS2
REMS3
REMS4
REMS5
REMS6
REMS7
GEMS0
GEMS1
GEMS2
GEMS3
GEMS4
GEMS5
GEMS6
GEMS7
BEMS0
BEMS1
BEMS2
BEMS3
BEMS4
BEMS5
BEMS6
BEMS7
MCLKB
CPLD_CLK
CPLD_D2
INT_V
INT_H
INT_DE
CPLD_RST
CPLD_PROG
CPLD_DONE
R4701 4.7K
R4702 4.7K CJ
R4703 4.7K
R4704 0
R4705 1K
R4706 100
C4703 0.1u
C4704 0.1u
C4705 0.1u
C4706 0.1u
C4707 0.1u
C4708 0.1u
C4709 0.1u
C4710 0.1u
C4711 0.1u
C4712 0.1u
C4713 0.1u
C4714 0.1u
C4715 0.1u
C4716 0.1u
C4717 0.1u
C4718 0.1u
C4719 0.1u
C4720 0.1u
C4721 0.1u
EDQ15
EDQ14
EDQ13
EDQ12
EDQ11
EDQ10
EDQ9
EDQ8
EDQM1
SDECLK
SDECLKE
SDEA9
SDEA8
SDEA7
SDEA6
SDEA5
SDEA4
SDEA3
EDQM3
EDQ31
EDQ30
EDQ29
EDQ28
EDQ27
EDQ26
EDQ25
EDQ24
IC4701
IXA332WJ
QS DRIVE EVEN
FPGA
TDO
TDI
TCK
GCK2
GCK0
GCK1
VCCO
VCCINT
GND
DONE
PROGRAM
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
M0
M1
M2
DDC_RST
MP_CS
MP_CK
MP_DA
FREERUN
PLL_LOCK
FREE_RUN
PLL_LOCKE
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

LCD CONT 2 (QS_EVEN)

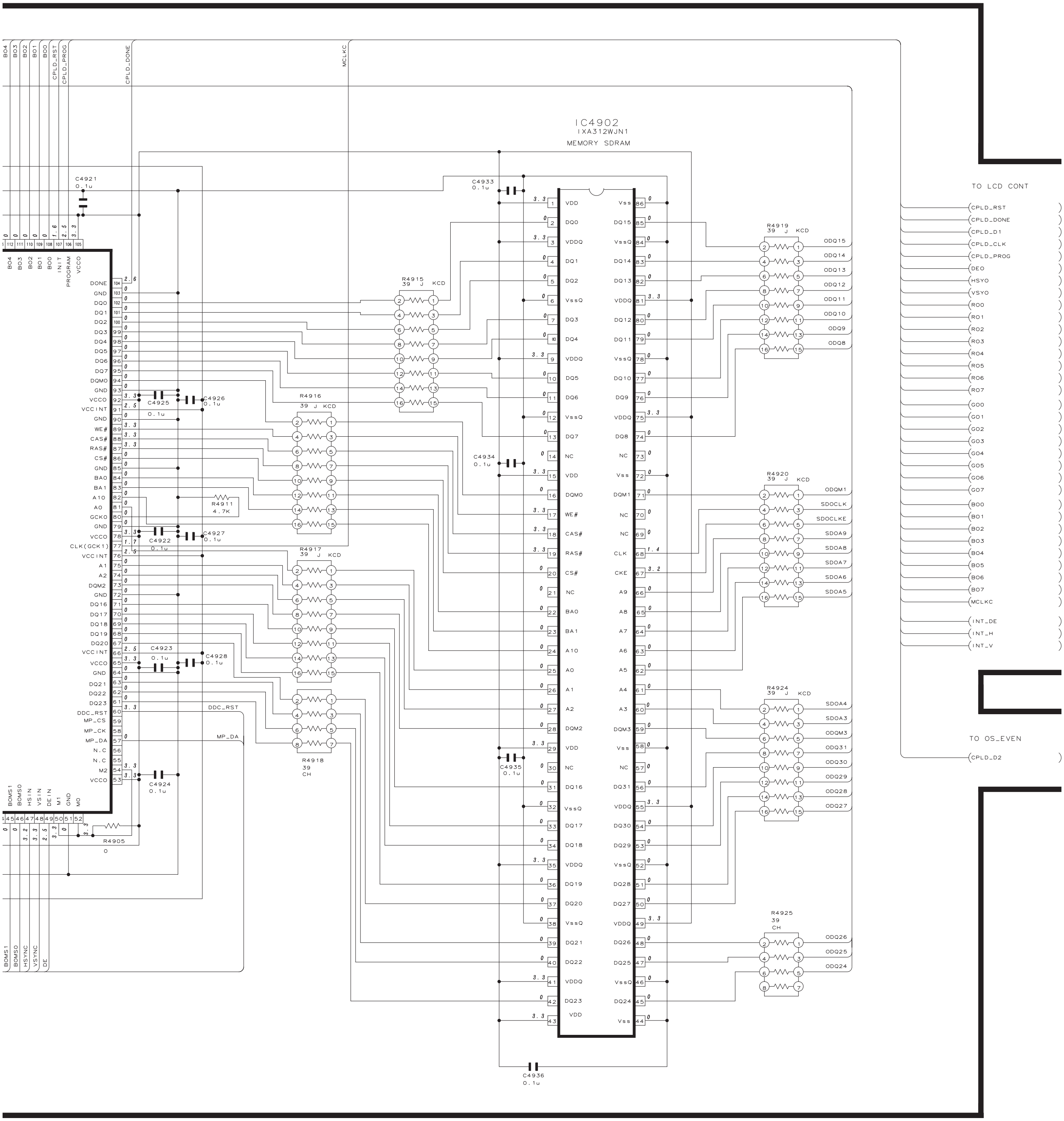

IC4702
IXA312WJN1
MEMORY SDRAM
CPLD_RST
CPLD_PROG
CPLD_DONE
C4721
0.1u
C4729
0.1u
C4730
0.1u
C4731
0.1u
C4732
0.1u
C4722
0.1u
C4723
0.1u
C4724
0.1u
C4725
0.1u
C4726
0.1u
C4727
0.1u
C4728
0.1u
R4704
0
R4705
1K
R4710
4.7K
R4711
4.7K
R4712
0
R4713
0
R4714
0
R4715
0
R4716
39 J
KCD
R4717
39 J
KCD
R4718
39 J
KCD
R4719
39
CH
R4720
39 J
KCD
R4721
39 J
KCD
R4722
39 J
KCD
R4723
39
CH
NC
GND
GND
NC
CPLD_RST
PROGRAM
VCCO
DONE
DQ0
DQ1
DQ2
DQ3
DQ4
DQ5
DQ6
DQ7
DQM0
VCCINT
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
A0
GCK0
GCK1
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
DDC_RST
MP_CS
MP_CK
MP_DA
MP_CLK
N.C
M2
M1
M0
PLL_LOCK
PLL_LOCKE
VDD
VDDQ
VssQ
Vss
DQ8
DQ9
DQ10
DQ11
DQ12
DQ13
DQ14
DQ15
DQM1
CLK
CKE
A3
A4
A5
A6
A7
A8
A9
DQM3
DQ24
DQ25
DQ26
DQ27
DQ28
DQ29
DQ30
DQ31
EDQ8
EDQ9
EDQ10
EDQ11
EDQ12
EDQ13
EDQ14
EDQ15
EDQM1
SDECLK
SDECLKE
SDEA9
SDEA8
SDEA7
SDEA6
SDEA5
SDEA4
SDEA3
EDQM3
EDQ31
EDQ30
EDQ29
EDQ28
EDQ27
EDQ26
EDQ25
EDQ24
TO LCD CONT
CPLD_CLK
CPLD_PROG
CPLD_RST
CPLD_DONE
RE0
RE1
RE2
RE3
RE4
RE5
RE6
RE7
GE0
GE1
GE2
GE3
GE4
GE5
GE6
GE7
BE0
BE1
BE2
BE3
BE4
BE5
BE6
BE7
MCLKB
INT_DE
INT_H
INT_V
TO QS_ODD
CPLD_D2
3.3
2.5
2.6
1.7
3.2
1.4
0

10	11	12	13	14	15	16	17	18	19

■ LCD CONTROL Unit-3/8

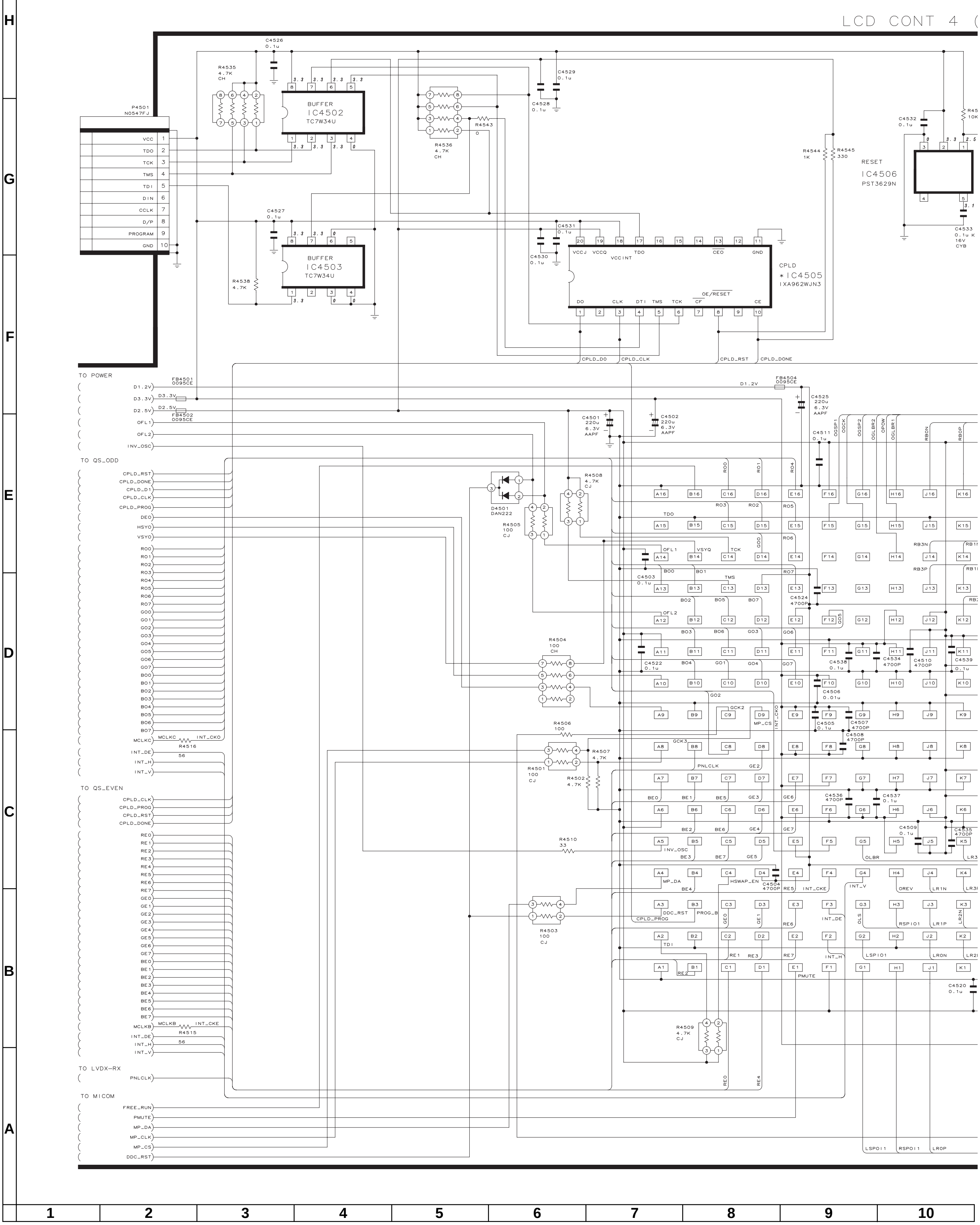

LCD CON
LCD_CONT UNIT 3/8
DUNTKC268UJ
(PWBXC268WJ)
TO POWER
D3.3V
D2.5V
FB4901 0095CE
FB4902 0095CE
C4901 220u 6.3V AAPF
C4902 220u 6.3V AAPF
TO LVDS-RX
HSYNC
VSYNC
DE
ROMS0
ROMS1
ROMS2
ROMS3
ROMS4
ROMS5
ROMS6
ROMS7
GOMS0
GOMS1
GOMS2
GOMS3
GOMS4
GOMS5
GOMS6
GOMS7
BOMS0
BOMS1
BOMS2
BOMS3
BOMS4
BOMS5
BOMS6
BOMS7
TO MICOM
DDC_RST
MP_DA
MP_CS
MP_CLK
PLL_LOCKO
FREE_RUN
R4906 100
R4907 100
R4901 4.7K
R4930 0
R4929 0
R4903 4.7K
R4904 4.7K
R4902 4.7K CJ
R4926 1K
R4905 0
C4903 0.1u
C4904 0.1u
C4905 0.1u
C4906 0.1u
C4907 0.1u
C4908 0.1u
C4909 0.1u
C4910 0.1u
C4911 0.1u
C4912 0.1u
C4913 0.1u
C4914 0.1u
C4915 0.1u
C4916 0.1u
C4917 0.1u
C4918 0.1u
C4919 0.1u
C4920 0.1u
C4921 0.1u
C4922 0.1u
C4924 0.1u
C4925 0.1u
IC4901
IXA332WJ
QS DRIVE ODD
FPGA
INT_V
INT_H
INT_DE
CPLD_CLK
CPLD_D2
CPLD_D1
VSYO
HSYO
DEO
RO7 RO6 RO5 RO4 RO3 RO2 RO1 RO0
GO7 GO6 GO5 GO4 GO3 GO2 GO1 GO0
BO7 BO6 BO5 BO4 BO3 BO2 BO1 BO0
CPLD_RST
CPLD_PROG
CPLD_DONE
ODQ15 ODQ14 ODQ13 ODQ12 ODQ11 ODQ10 ODQ9 ODQ8 ODQM1
SDOCLK SDOCLKE SDOA9 SDOA8 SDOA7 SDOA6 SDOA5 SDOA4 SDOA3
ODQM3 ODQ31 ODQ30 ODQ29 ODQ28 ODQ27 ODQ26 ODQ25 ODQ24
TDO GND TDI DQ15 DQ14 DQ13 DQ12 DQ11 DQ10 DQ9 DQ8 DQM1 GND VCCO VCCINT SDCLK SDCLKE A9 A8 A7 GND A6 A5 A4 A3 GCK2 GND VCCO GCK3 VCCINT DQM3 DQ31 DQ30 GND DQ29 DQ28 DQ27 DQ26 DQ25 VCCINT VCCO GND DQ24 NC GND GND NC GND GND GND TCK VCCO
DONE GND DQ0 DQ1 DQ2 DQ3 DQ4 DQ5 DQ6 DQ7 DQM0 GND VCCO VCCINT GND WE# CAS# RAS# CS# GND BA0 BA1 A10 A0 GCK0 GND VCCO CLK(GCK1) VCCINT A1 A2 DQM2 GND DQ16 DQ17 DQ18 DQ19 DQ20 VCCINT VCCO GND DQ21 DQ22 DQ23 DDC_RST MP_CS MP_CK MP_DA N.C N.C M2 VCCO
PLL_LOCKO
FREE_RUN
H G F E D C B A
1 2 3 4 5 6 7 8 9 10

LCD CONT 3 (QS_ODD)

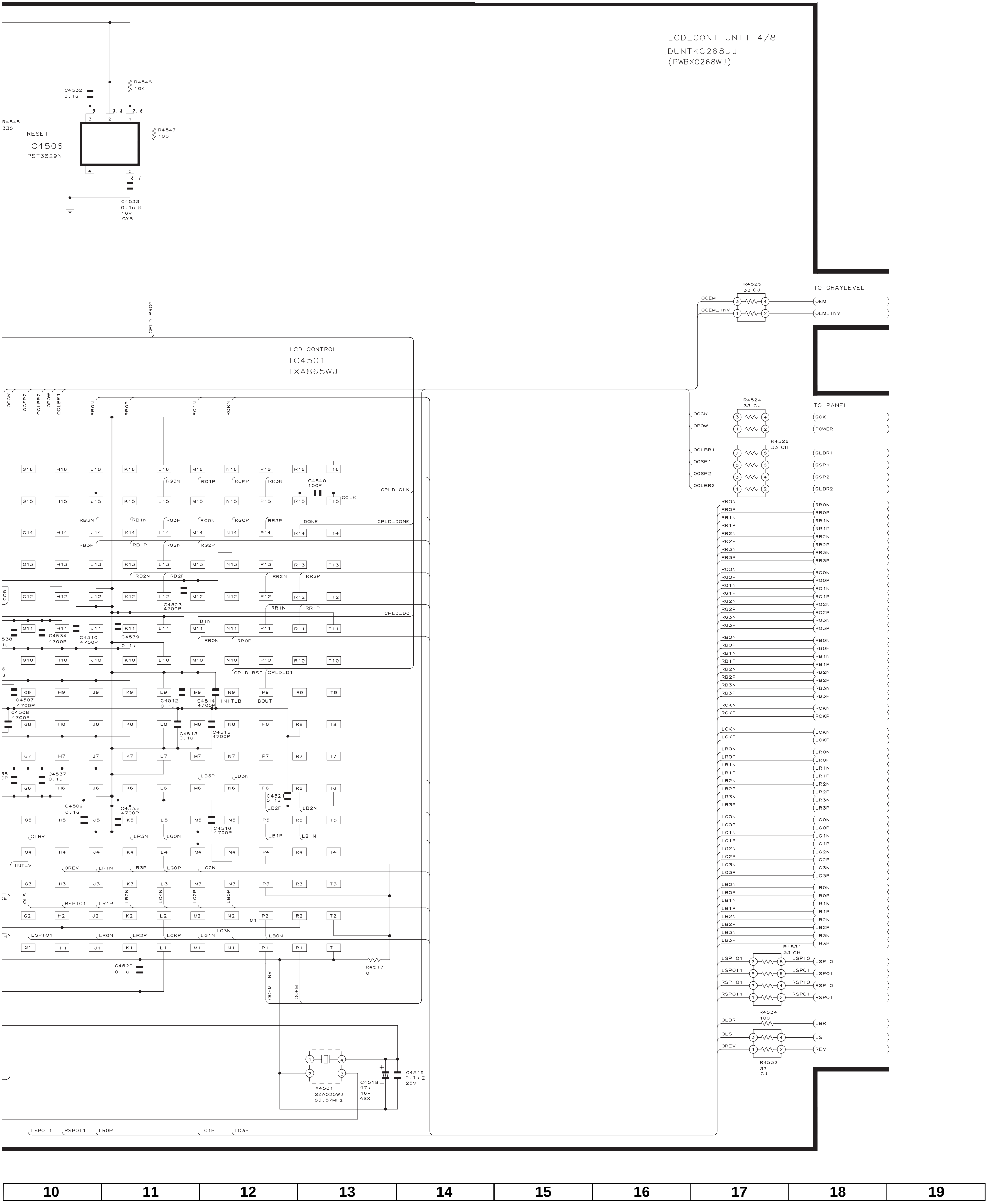

IC4902
IXA312WJN1
MEMORY SDRAM
VDD
DQ0
VDDQ
DQ1
DQ2
VssQ
DQ3
DQ4
DQ5
DQ6
DQ7
NC
DQM0
WE#
CAS#
RAS#
CS#
BA0
BA1
A10
A0
A1
A2
DQM2
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
Vss
DQ15
DQ14
DQ13
DQ12
DQ11
DQ10
DQ9
DQ8
DQM1
CLK
CKE
A9
A8
A7
A6
A5
A4
A3
DQM3
DQ31
DQ30
DQ29
DQ28
DQ27
DQ26
DQ25
DQ24
C4921
0.1u
C4922
C4923
C4924
C4925
C4926
C4927
C4928
C4933
C4934
C4935
C4936
R4905
R4911
4.7K
R4915
39 J KCD
R4916
R4917
R4918
39
CH
R4919
R4920
R4924
R4925
TO LCD CONT
CPLD_RST
CPLD_DONE
CPLD_D1
CPLD_CLK
CPLD_PROG
DE0
HSY0
VSY0
R00
R01
R02
R03
R04
R05
R06
R07
G00
G01
G02
G03
G04
G05
G06
G07
B00
B01
B02
B03
B04
B05
B06
B07
MCLKC
INT_DE
INT_H
INT_V
TO OS_EVEN
CPLD_D2
ODQ15
ODQ14
ODQ13
ODQ12
ODQ11
ODQ10
ODQ9
ODQ8
ODQM1
SDOCLK
SDOCLKE
SDOA9
SDOA8
SDOA7
SDOA6
SDOA5
SDOA4
SDOA3
ODQM3
ODQ31
ODQ30
ODQ29
ODQ28
ODQ27
ODQ26
ODQ25
ODQ24
DONE
GND
VCCO
VCCINT
CLK(GCK1)
GCK0
DDC_RST
MP_CS
MP_CK
MP_DA
N.C
M2
BOMS1
BOMS0
HSIN
VSIN
DEIN
M1
M0
HSYNC
VSYNC
DE
INIT
PROGRAM
CPLD_DONE
MCLKC
3.3
2.5
1.4
3.2

10	11	12	13	14	15	16	17	18	19

■ LCD CONTROL Unit-4/8 (LC-32GD1E)


LCD CONT 4 (
P4501
N0547FJ
VCC 1
TDO 2
TCK 3
TMS 4
TDI 5
DIN 6
CCLK 7
D/P 8
PROGRAM 9
GND 10
C4526 0.1u
R4535 4.7K CH
BUFFER IC4502 TC7W34U
C4527 0.1u
R4538 4.7K
BUFFER IC4503 TC7W34U
R4536 4.7K CH
R4543 0
C4528 0.1u
C4529 0.1u
C4530 0.1u
C4531 0.1u
CPLD ＊IC4505 IXA962WJN3
VCCJ VCCQ VCCINT TDO CEO GND
DO CLK DTI TMS TCK CF OE/RESET CE
CPLD_DO CPLD_CLK CPLD_RST CPLD_DONE
R4544 1K
R4545 330
RESET IC4506 PST3629N
C4532 0.1u
C4533 0.1u K 16V CYB
R45 10K
TO POWER
D1.2V D3.3V D2.5V OFL1 OFL2 INV_OSC
FB4501 0095CE
FB4502 0095CE
FB4504 0095CE
C4501 220u 6.3V AAPF
C4502 220u 6.3V AAPF
C4525 220u 6.3V AAPF
C4511 0.1u
TO QS_ODD
CPLD_RST CPLD_DONE CPLD_D1 CPLD_CLK CPLD_PROG DEO HSYO VSYO
RO0 RO1 RO2 RO3 RO4 RO5 RO6 RO7 GO0 GO1 GO2 GO3 GO4 GO5 GO6 GO7 BO0 BO1 BO2 BO3 BO4 BO5 BO6 BO7
MCLKC INT_CKO R4516 56
INT_DE INT_H INT_V
TO QS_EVEN
CPLD_CLK CPLD_PROG CPLD_RST CPLD_DONE
RE0 RE1 RE2 RE3 RE4 RE5 RE6 RE7 GE0 GE1 GE2 GE3 GE4 GE5 GE6 GE7 BE0 BE1 BE2 BE3 BE4 BE5 BE6 BE7
MCLKB INT_CKE R4515 56
INT_DE INT_H INT_V
TO LVDX-RX
PNLCLK
TO MICOM
FREE_RUN PMUTE MP_DA MP_CLK MP_CS DDC_RST
D4501 DAN222
R4505 100 CJ
R4508 4.7K CJ
R4504 100 CH
R4506 100
R4501 100 CJ
R4507 4.7K
R4502 4.7K
R4510 33
R4503 100 CJ
R4509 4.7K CJ
C4503 0.1u
C4522 0.1u
C4524 4700P
C4538 0.1u
C4534 4700P
C4510 4700P
C4539 0.1u
C4506 0.01u
C4505 0.1u
C4507 4700P
C4508 4700P
C4536 4700P
C4537 0.1u
C4509 0.1u
C4535 4700P
C4504 4700P
C4520 0.1u
OGSP1 OGCK OGSP2 OGLBR2 OPOW OGLBR1 RBON RBOP
RB3N RB3P
TDO VSYQ TCK TMS OFL1 OFL2
INT_CKO MP_CS GCK2 GCK3 PNLCLK
INV_OSC MP_DA HSWAP_EN DDC_RST PROG_B CPLD_PROG TDI
INT_V INT_CKE INT_DE INT_H PMUTE
OLBR OREV OLS LR1N LR1P LR2N LR0N LR0P LR3
RSPIO1 LSPIO1 LSPOI1 RSPOI1
H G F E D C B A
1 2 3 4 5 6 7 8 9 10

LCD CONT 4 (LCD CONT)


LCD_CONT UNIT 4/8
DUNTKC268UJ
(PWBXC268WJ)
RESET
IC4506
PST3629N
C4532 0.1u
R4546 10K
R4547 100
R4545 330
C4533 0.1u K 16V CYB
CPLD_PROG
LCD CONTROL
IC4501
IXA865WJ
C4540 100P
CPLD_CLK
CPLD_DONE
CPLD_D0
CPLD_RST
CPLD_D1
INIT_B
DOUT
C4534 4700P
C4510 4700P
C4539 0.1u
C4523 4700P
C4507 4700P
C4508 4700P
C4512 0.1u
C4514 4700P
C4513 0.1u
C4515 4700P
C4537 0.1u
C4509 0.1u
C4535 4700P
C4516 4700P
C4521 0.1u
C4520 0.1u
R4517 0
X4501 SZA025WJ 83.57MHz
C4518 47u 16V ASX
C4519 0.1u Z 25V
R4525 33 CJ
TO GRAYLEVEL
OEM
OEM_INV
R4524 33 CJ
TO PANEL
GCK
POWER
R4526 33 CH
GLBR1
GSP1
GSP2
GLBR2
RR0N RR0P RR1N RR1P RR2N RR2P RR3N RR3P
RG0N RG0P RG1N RG1P RG2N RG2P RG3N RG3P
RB0N RB0P RB1N RB1P RB2N RB2P RB3N RB3P
RCKN RCKP
LCKN LCKP
LR0N LR0P LR1N LR1P LR2N LR2P LR3N LR3P
LG0N LG0P LG1N LG1P LG2N LG2P LG3N LG3P
LB0N LB0P LB1N LB1P LB2N LB2P LB3N LB3P
R4531 33 CH
LSPIO
LSPOI
RSPIO
RSPOI
R4534 100
LBR
LS
REV
R4532 33 CJ
OLBR
OLS
OREV
10
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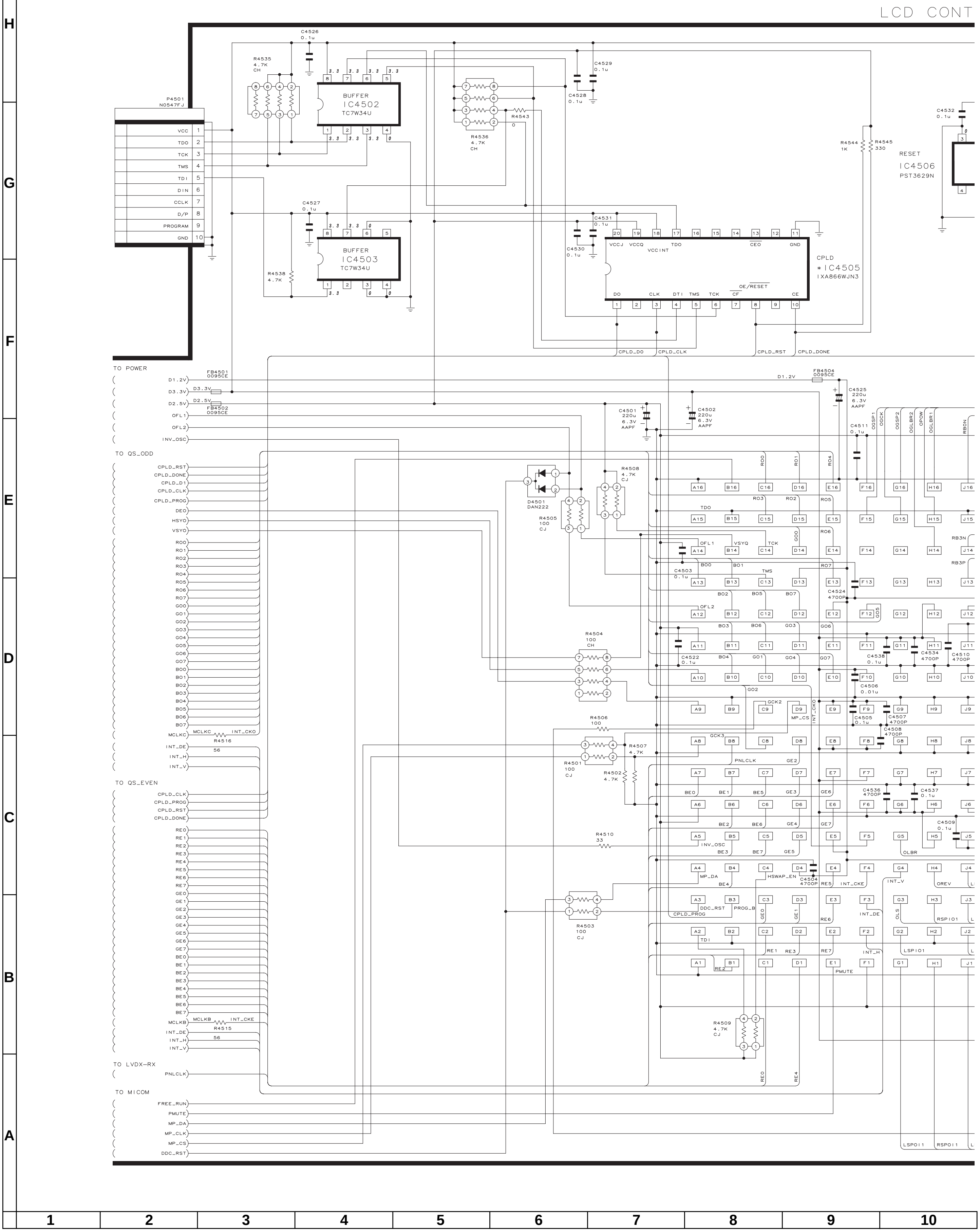
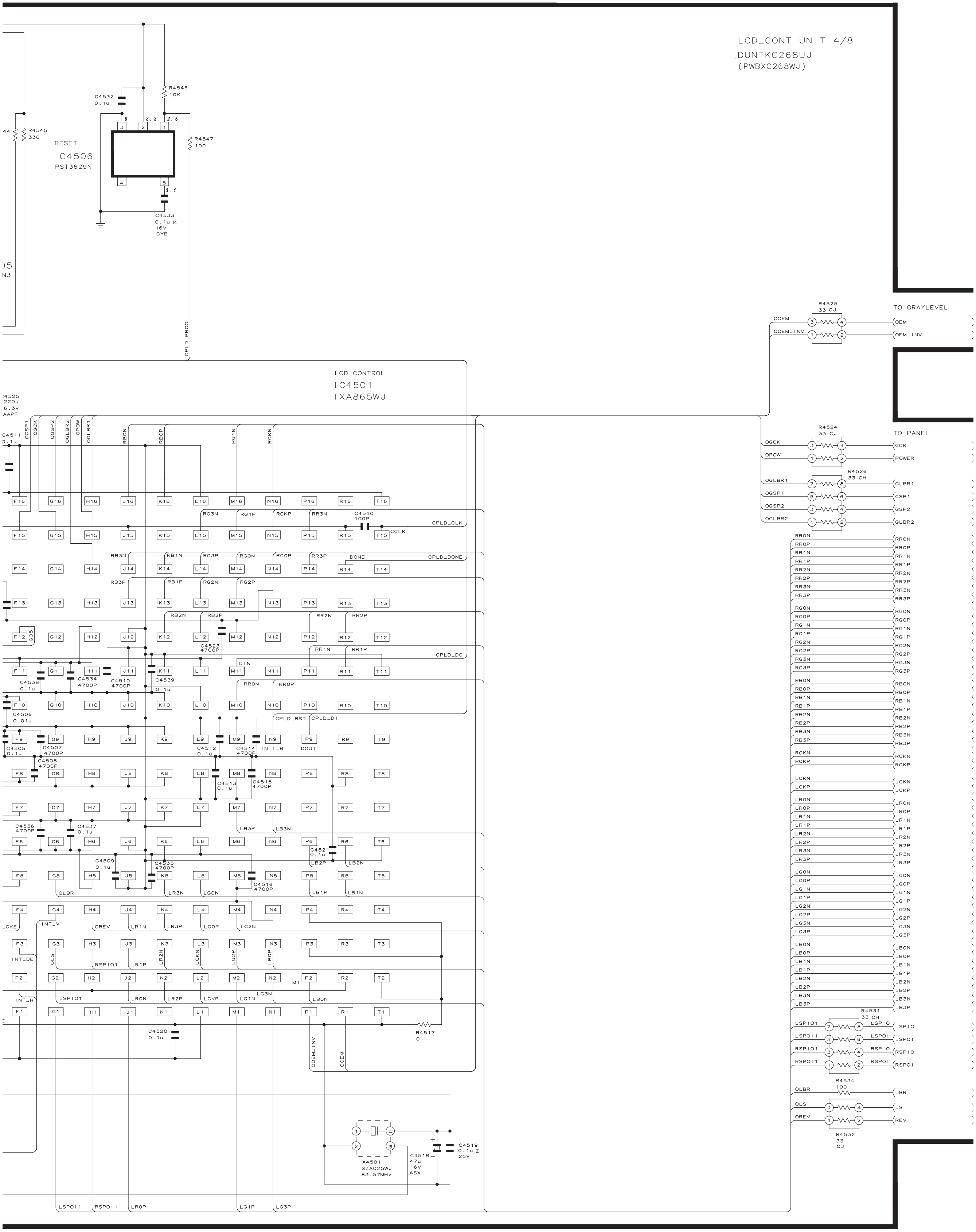
13
14
15
16
17
18
19

■ LCD CONTROL Unit-4/8 (LC-37GD1E)

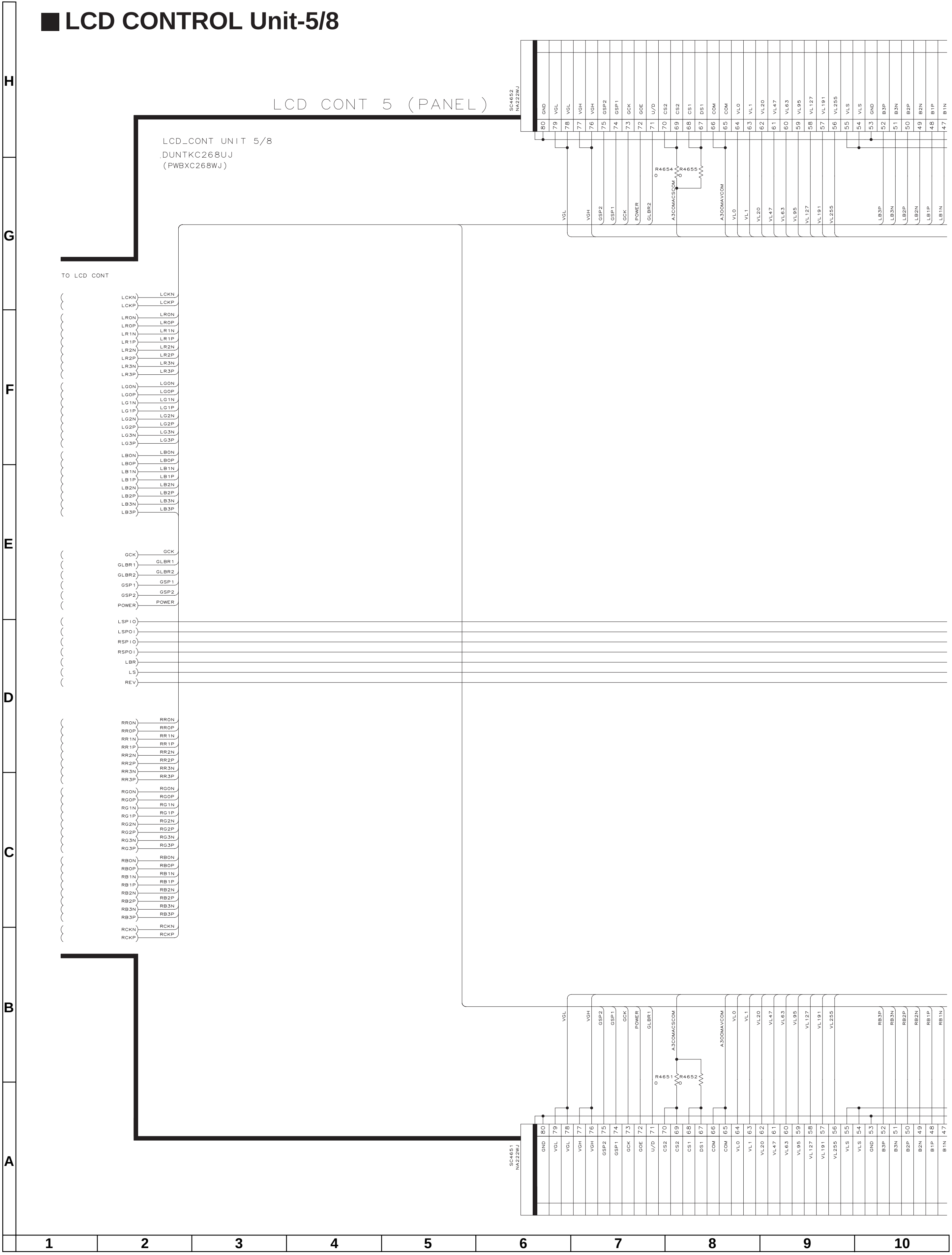

LCD CONT
P4501
N0547FJ
VCC
TDO
TCK
TMS
TDI
DIN
CCLK
D/P
PROGRAM
GND
C4526
0.1u
R4535
4.7K
CH
BUFFER
IC4502
TC7W34U
C4527
0.1u
BUFFER
IC4503
TC7W34U
R4538
4.7K
R4536
4.7K
CH
R4543
0
C4529
0.1u
C4528
0.1u
C4531
0.1u
C4530
0.1u
VCCJ
VCCQ
VCCINT
TDO
CEO
GND
DO
CLK
DTI
TMS
TCK
CF
OE/RESET
CE
CPLD
*IC4505
IXA866WJN3
R4544
1K
R4545
330
RESET
IC4506
PST3629N
C4532
0.1u
CPLD_DO
CPLD_CLK
CPLD_RST
CPLD_DONE
TO POWER
D1.2V
D3.3V
D2.5V
OFL1
OFL2
INV_OSC
FB4501
0095CE
FB4502
0095CE
FB4504
0095CE
C4501
220u
6.3V
AAPF
C4502
220u
6.3V
AAPF
C4525
220u
6.3V
AAPF
C4511
0.1u
TO QS_ODD
CPLD_RST
CPLD_DONE
CPLD_D1
CPLD_CLK
CPLD_PROG
DEO
HSYO
VSYO
RO0
RO1
RO2
RO3
RO4
RO5
RO6
RO7
GO0
GO1
GO2
GO3
GO4
GO5
GO6
GO7
BO0
BO1
BO2
BO3
BO4
BO5
BO6
BO7
MCLKC
INT_DE
INT_H
INT_V
MCLKC
INT_CKO
R4516
56
TO QS_EVEN
CPLD_CLK
CPLD_PROG
CPLD_RST
CPLD_DONE
RE0
RE1
RE2
RE3
RE4
RE5
RE6
RE7
GE0
GE1
GE2
GE3
GE4
GE5
GE6
GE7
BE0
BE1
BE2
BE3
BE4
BE5
BE6
BE7
MCLKB
INT_DE
INT_H
INT_V
MCLKB
INT_CKE
R4515
56
TO LVDX-RX
PNLCLK
TO MICOM
FREE_RUN
PMUTE
MP_DA
MP_CLK
MP_CS
DDC_RST
D4501
DAN222
R4505
100
CJ
R4508
4.7K
CJ
R4504
100
CH
R4506
100
R4501
100
CJ
R4507
4.7K
R4502
4.7K
R4510
33
R4503
100
CJ
R4509
4.7K
CJ
C4503
0.1u
C4522
0.1u
C4524
4700P
C4538
0.1u
C4534
4700P
C4510
4700P
C4506
0.01u
C4505
0.1u
C4507
4700P
C4508
4700P
C4536
4700P
C4537
0.1u
C4509
0.1u
C4504
4700P
OGSP1
OGCK
OGSP2
OGLBR2
OPOW
OGLBR1
RBON
RB3N
RB3P
TDO
TCK
TMS
OFL1
OFL2
VSYQ
GCK2
GCK3
MP_CS
INT_CKO
PNLCLK
INV_OSC
MP_DA
HSWAP_EN
DDC_RST
PROG_B
CPLD_PROG
TDI
INT_CKE
INT_V
INT_DE
INT_H
OLBR
OREV
OLS
RSPIO1
LSPIO1
PMUTE
LSPOI1
RSPOI1
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

LCD CONT 4 (LCD CONT)


LCD_CONT UNIT 4/8
DUNTKC268UJ
(PWBXC268WJ)
RESET
IC4506
PST3629N
C4532 0.1u
R4546 10K
R4545 330
R4547 100
C4533 0.1u K 16V CYB
CPLD_PROG
LCD CONTROL
IC4501
IXA865WJ
C4525 220u 6.3V AAPF
C4540 100P
CPLD_CLK
CCLK
CPLD_DONE
DONE
CPLD_D0
DIN
INIT_B
DOUT
CPLD_RST
CPLD_D1
C4523 4700P
C4510 4700P
C4539 0.1u
C4534 4700P
C4538 0.1u
C4506 0.01u
C4505 0.1u
C4507 4700P
C4508 4700P
C4512 0.1u
C4514 4700P
C4513 0.1u
C4515 4700P
C4536 4700P
C4537 0.1u
C4509 0.1u
C4535 4700P
C4516 4700P
C4521 0.1u
C4520 0.1u
R4517 0
X4501 SZA025WJ 83.57MHz
C4518 47u 16V ASX
C4519 0.1u Z 25V
OOEM_INV
OOEM
R4525 33 CJ
TO GRAYLEVEL
OEM
OEM_INV
R4524 33 CJ
TO PANEL
GCK
POWER
R4526 33 CH
GLBR1
GSP1
GSP2
GLBR2
R4531 33 CH
LSPIO
LSPOI
RSPIO
RSPOI
R4534 100
LBR
LS
REV
R4532 33 CJ
OGCK
OPOW
OGLBR1
OGSP1
OGSP2
OGLBR2
OLBR
OLS
OREV
LSPIO1
LSPOI1
RSPIO1
RSPOI1
INT_V
INT_DE
INT_H
M1

10	11	12	13	14	15	16	17	18	19

■ LCD CONTROL Unit-5/8


LCD CONT 5 (PANEL)
LCD_CONT UNIT 5/8
DUNTKC268UJ
(PWBXC268WJ)
TO LCD CONT
SC4652
NA222WJ
SC4651
NA222WJ
GND 80
VGL 79
VGL 78
VGH 77
VGH 76
GSP2 75
GSP1 74
GCK 73
GOE 72
U/D 71
CS2 70
CS2 69
CS1 68
DS1 67
COM 66
COM 65
VL0 64
VL1 63
VL20 62
VL47 61
VL63 60
VL95 59
VL127 58
VL191 57
VL255 56
VLS 55
VLS 54
GND 53
B3P 52
B3N 51
B2P 50
B2N 49
B1P 48
B1N 47
R4654
R4655
R4651
R4652
A3COMACSCOM
A3OOMAVCOM
POWER
GLBR1
GLBR2
LB3P
LB3N
LB2P
LB2N
LB1P
LB1N
RB3P
RB3N
RB2P
RB2N
RB1P
RB1N
LCKN
LCKP
LR0N
LR0P
LR1N
LR1P
LR2N
LR2P
LR3N
LR3P
LG0N
LG0P
LG1N
LG1P
LG2N
LG2P
LG3N
LG3P
LB0N
LB0P
LB1N
LB1P
LB2N
LB2P
LB3N
LB3P
GCK
GLBR1
GLBR2
GSP1
GSP2
POWER
LSPIO
LSPOI
RSPIO
RSPOI
LBR
LS
REV
RR0N
RR0P
RR1N
RR1P
RR2N
RR2P
RR3N
RR3P
RG0N
RG0P
RG1N
RG1P
RG2N
RG2P
RG3N
RG3P
RB0N
RB0P
RB1N
RB1P
RB2N
RB2P
RB3N
RB3P
RCKN
RCKP
H
G
F
E
D
C
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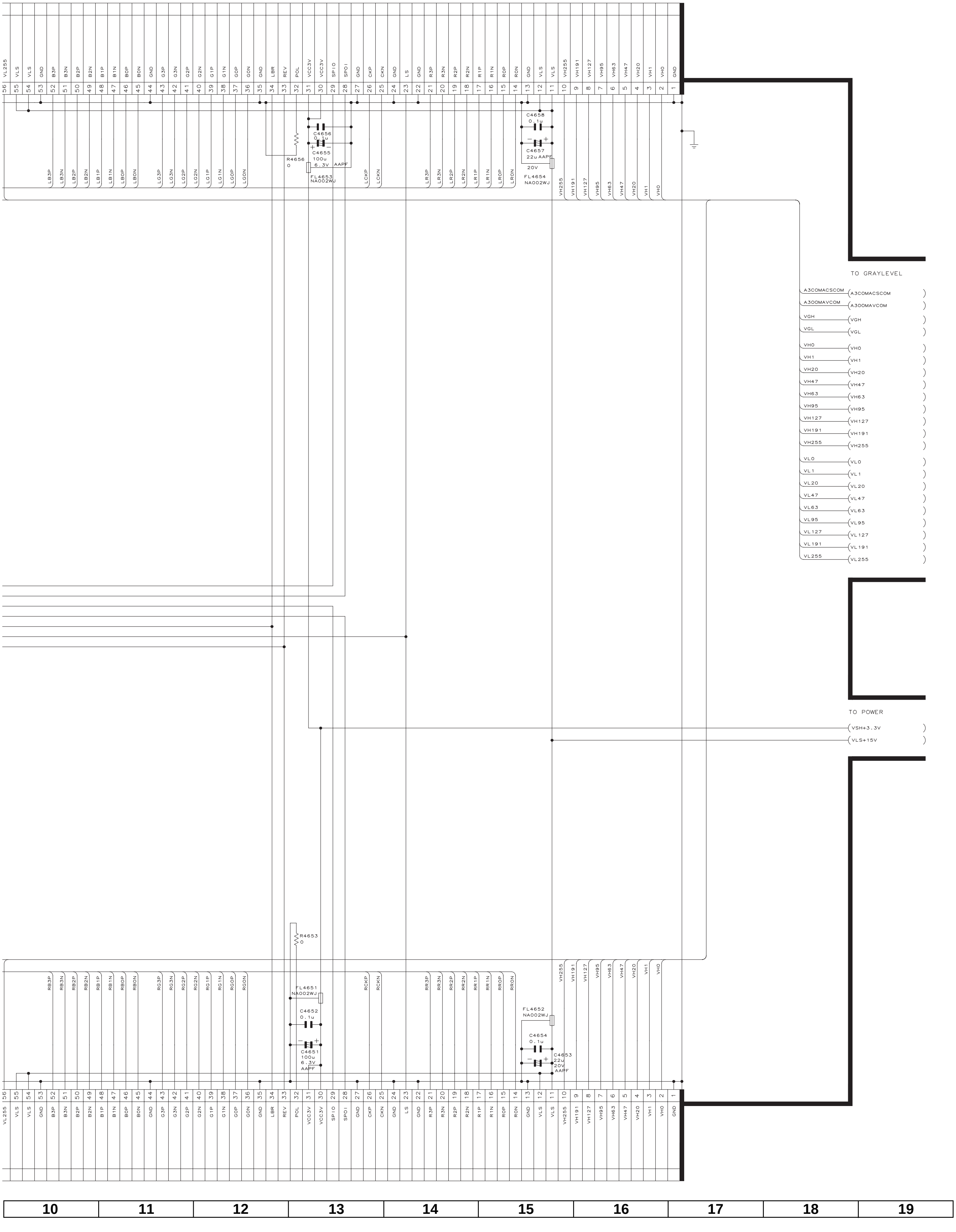
VL255
VLS
VLS
GND
B3P
B3N
B2P
B2N
B1P
B1N
B0P
B0N
GND
G3P
G3N
G2P
G2N
G1P
G1N
G0P
G0N
GND
LBR
REV
POL
VCC3V
VCC3V
SPIO
SPOI
GND
CKP
CKN
GND
LS
GND
R3P
R3N
R2P
R2N
R1P
R1N
R0P
R0N
GND
VLS
VLS
VH255
VH191
VH127
VH95
VH63
VH47
VH20
VH1
VH0
GND
C4656
0.1u
C4655
100u
6.3V AAPF
R4656
0
FL4653
NA002WJ
C4658
0.1u
C4657
22u AAPF
20V
FL4654
NA002WJ
LB3P
LB3N
LB2P
LB2N
LB1P
LB1N
LB0P
LB0N
LG3P
LG3N
LG2P
LG2N
LG1P
LG1N
LG0P
LG0N
LCKP
LCKN
LR3P
LR3N
LR2P
LR2N
LR1P
LR1N
LR0P
LR0N
TO GRAYLEVEL
A3COMACSCOM
A300MAVCOM
VGH
VGL
VH0
VH1
VH20
VH47
VH63
VH95
VH127
VH191
VH255
VL0
VL1
VL20
VL47
VL63
VL95
VL127
VL191
VL255
TO POWER
VSH+3.3V
VLS+15V
R4653
0
FL4651
NA002WJ
C4652
0.1u
C4651
100u
6.3V
AAPF
FL4652
NA002WJ
C4654
0.1u
C4653
22u
20V
AAPF
RB3P
RB3N
RB2P
RB2N
RB1P
RB1N
RB0P
RB0N
RG3P
RG3N
RG2P
RG2N
RG1P
RG1N
RG0P
RG0N
RCKP
RCKN
RR3P
RR3N
RR2P
RR2N
RR1P
RR1N
RR0P
RR0N
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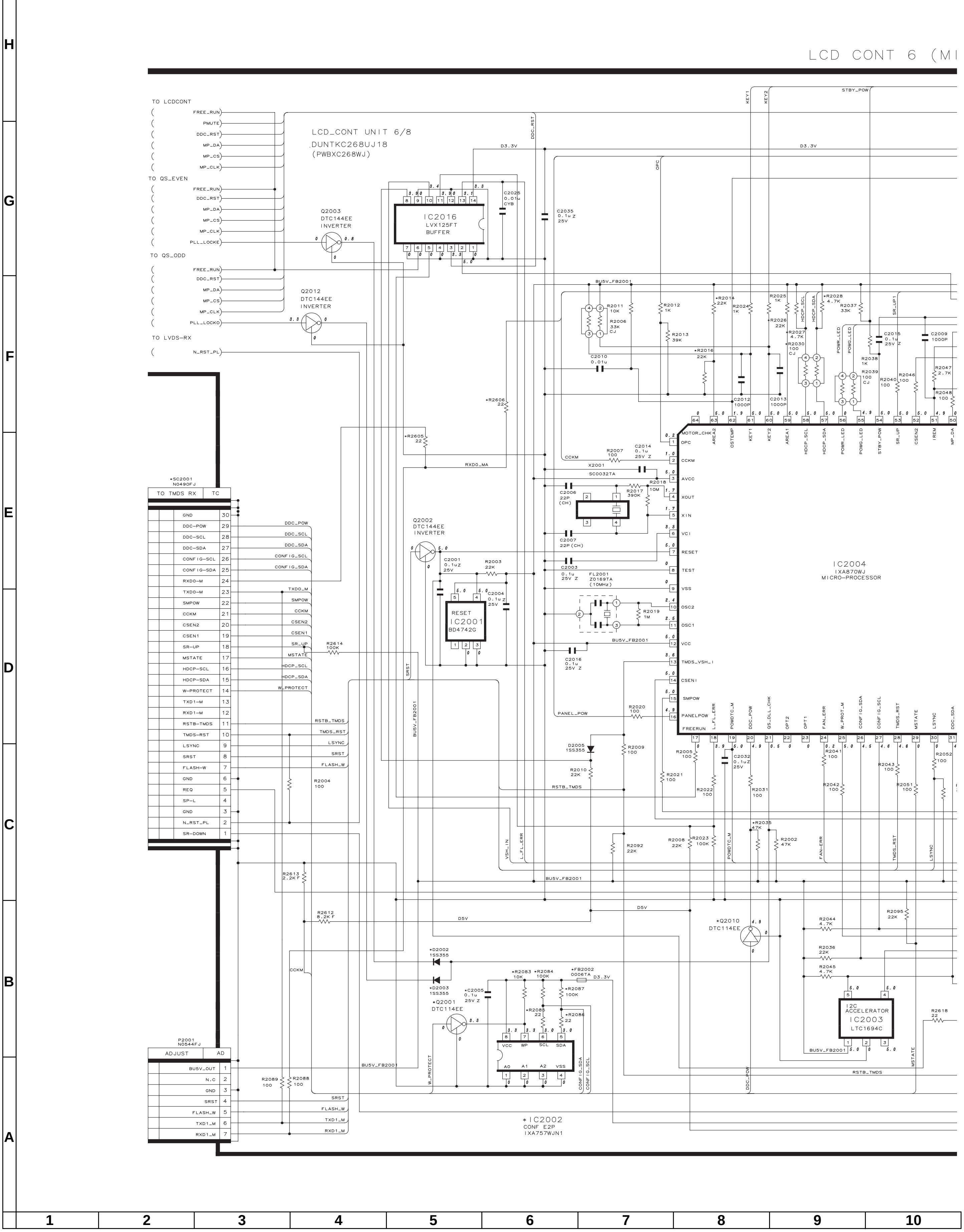
■ LCD CONTROL Unit-6/8 (LC-32GD1E)


LCD CONT 6 (MI
LCD_CONT UNIT 6/8
DUNTKC268UJ18
(PWBXC268WJ)
TO LCDCONT
FREE_RUN
PMUTE
DDC_RST
MP_DA
MP_CS
MP_CLK
TO QS_EVEN
PLL_LOCKE
TO QS_ODD
PLL_LOCKO
TO LVDS-RX
N_RST_PL
Q2003
DTC144EE
INVERTER
Q2012
DTC144EE
INVERTER
IC2016
LVX125FT
BUFFER
C2025
0.01u
CYB
C2035
0.1u Z
25V
D3.3V
BU5V_FB2001
IC2004
IXA870WJ
MICRO-PROCESSOR
X2001
SC0032TA
FL2001
Z0169TA
(10MHz)
Q2002
DTC144EE
INVERTER
RESET
IC2001
BD4742G
*SC2001
N0490FJ
TO TMDS RX
TC
GND
DDC-POW
DDC-SCL
DDC-SDA
CONFIG-SCL
CONFIG-SDA
RXD0-M
TXD0-M
SMPOW
CCKM
CSEN2
CSEN1
SR-UP
MSTATE
HDCP-SCL
HDCP-SDA
W-PROTECT
TXD1-M
RXD1-M
RSTB-TMDS
TMDS-RST
LSYNC
SRST
FLASH-W
REQ
SP-L
N_RST_PL
SR-DOWN
P2001
N0544FJ
ADJUST
AD
BU5V_OUT
N.C
GND
SRST
FLASH_W
TXD1_M
RXD1_M
*Q2001
DTC114EE
*D2002
1SS355
*D2003
1SS355
*FB2002
0006TA
*IC2002
CONF E2P
IXA757WJN1
VCC
WP
SCL
SDA
A0
A1
A2
VSS
*Q2010
DTC114EE
I2C
ACCELERATOR
IC2003
LTC1694C
D2005
1SS355
D5V
RSTB_TMDS
PANEL_POW
MOTOR_CHK
OPC
CCKM
AVCC
XOUT
XIN
VCI
RESET
TEST
VSS
OSC2
OSC1
VCC
TMDS_VSH_I
CSENI
SMPOW
PANELPOW
FREERUN
AREA2
OSTEMP
KEY1
KEY2
AREA1
HDCP_SCL
HDCP_SDA
POWR_LED
POWG_LED
STBY_POW
SR_UP
CSEN2
IREM
MP_DA
L_FL_ERR
POWDTC_M
DDC_POW
QS_DLL_CHK
OPT2
OPT1
FAN_ERR
W_PROT_M
CONFIG_SDA
CONFIG_SCL
TMDS_RST
MSTATE
LSYNC
DDC_SDA
H
G
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C
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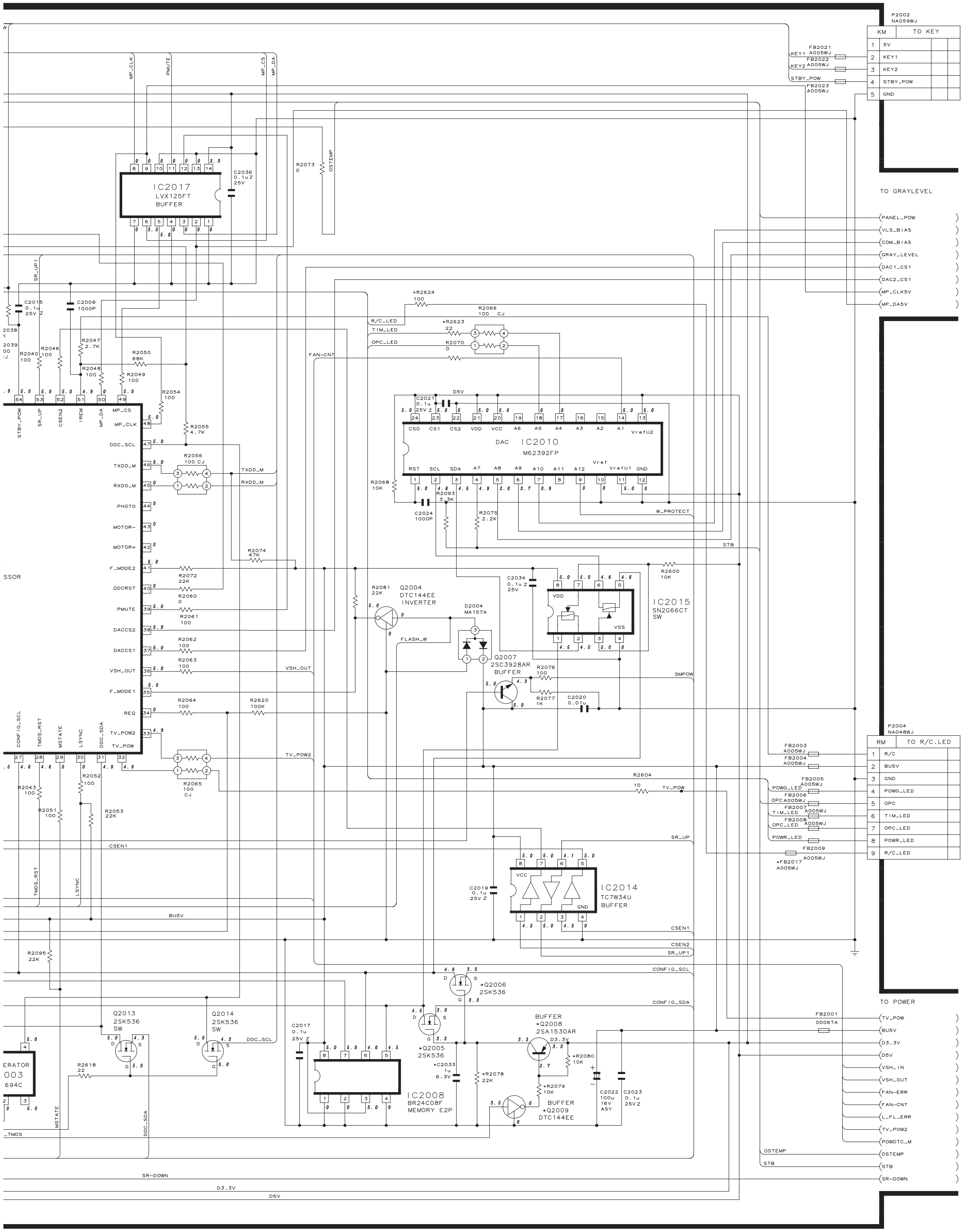
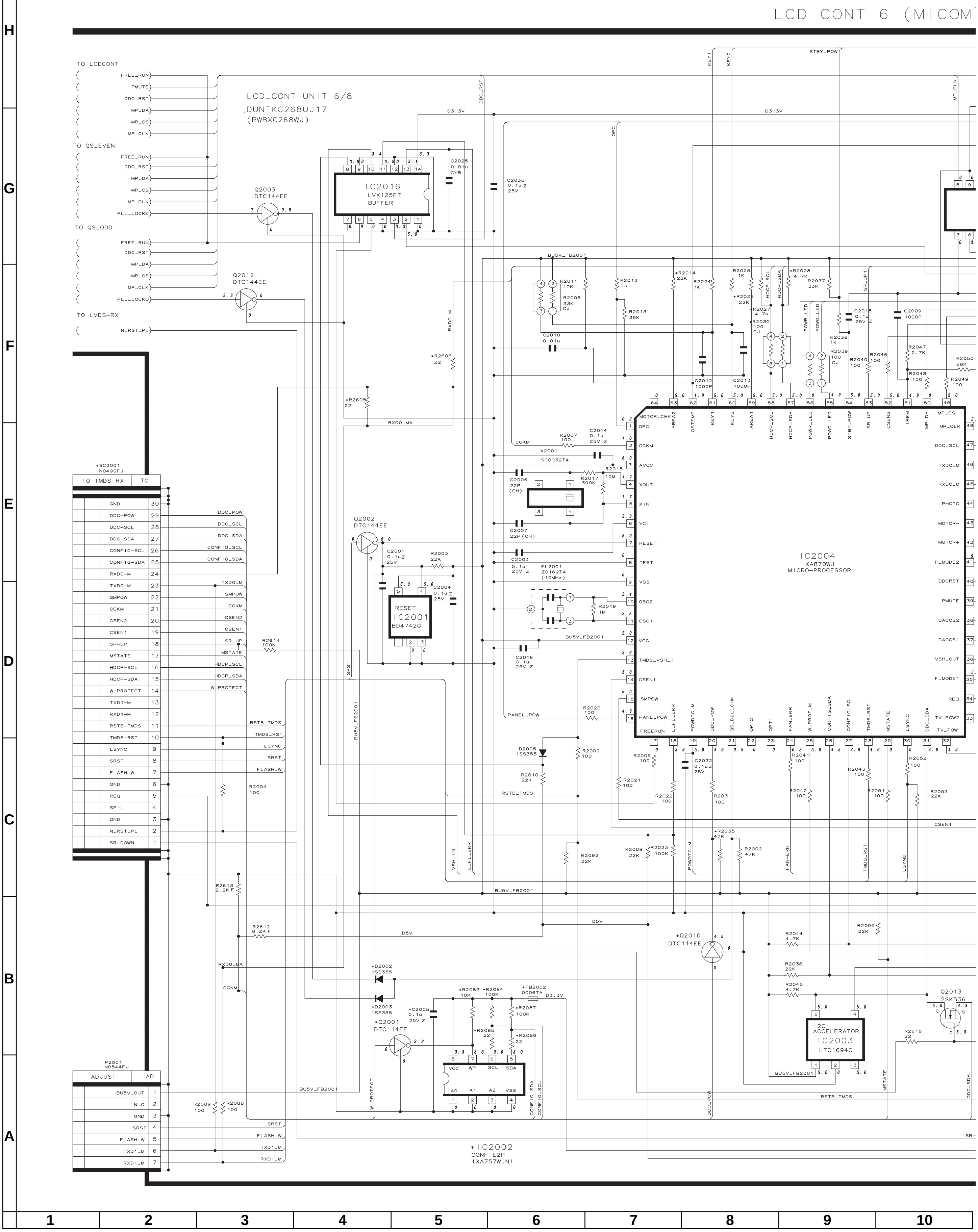
ONT 6 (MICOM)

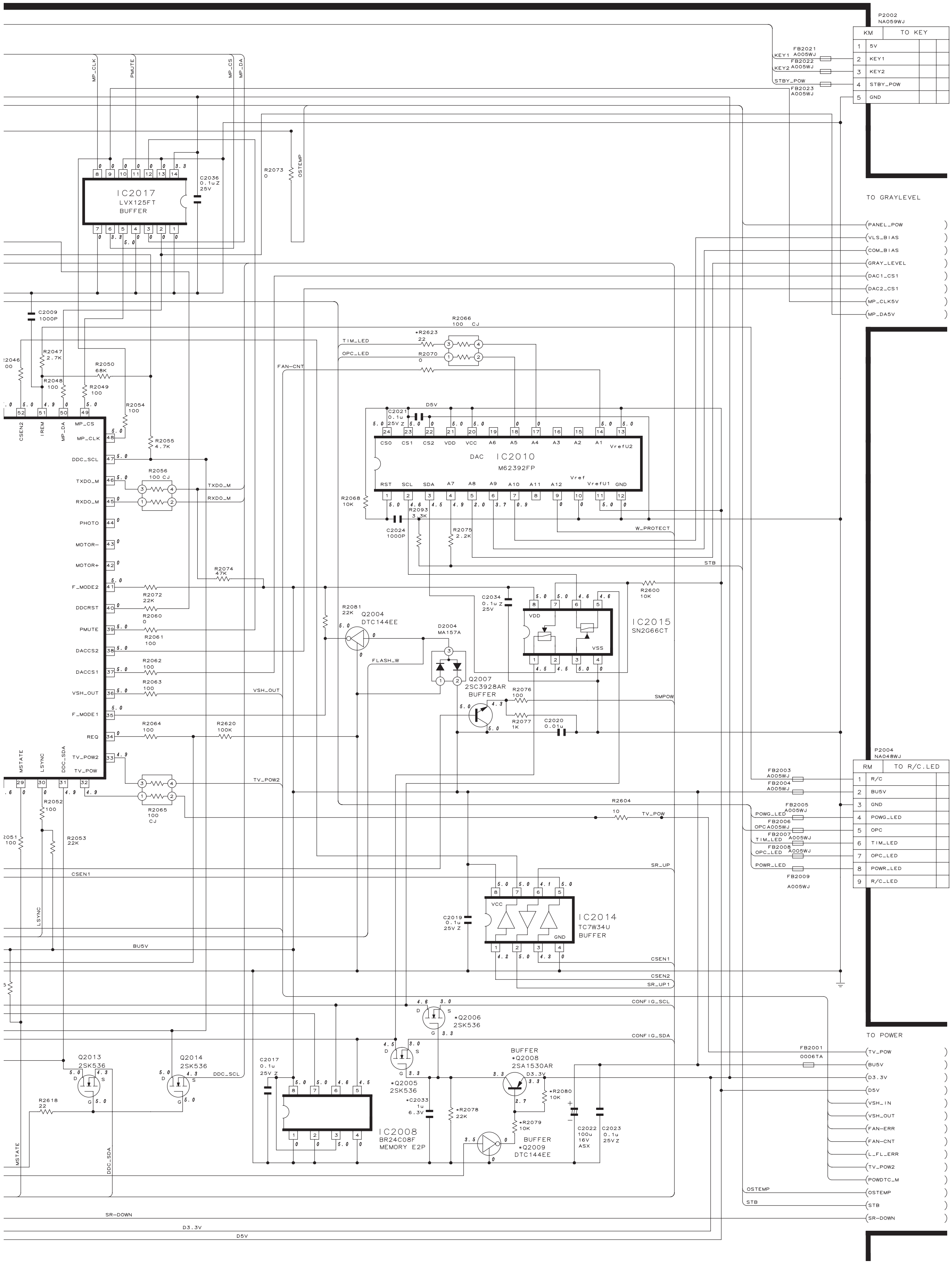

P2002
NA059WJ
KM
TO KEY
5V
KEY1
KEY2
STBY_POW
GND
FB2021 A005WJ
FB2022 A005WJ
FB2023 A005WJ
TO GRAYLEVEL
PANEL_POW
VLS_BIAS
COM_BIAS
GRAY_LEVEL
DAC1_CS1
DAC2_CS1
MP_CLK5V
MP_DA5V
IC2017
LVX125FT
BUFFER
C2036 0.1u Z 25V
R2073 0
OSTEMP
MP_CLK
PMUTE
MP_CS
MP_DA
SR_UP1
C2015 0.1u 25V Z
C2009 1000P
R2038
R2039
R2040 100
R2046 100
R2047 2.7K
R2048 100
R2049 100
R2050 68K
R2054 100
R2055 4.7K
R2056 100 CJ
*R2624 100
*R2623 22
R2066 100 CJ
R2070 0
R/C_LED
TIM_LED
OPC_LED
FAN-CNT
D5V
C2021 0.1u 25V Z
IC2010
DAC
M62392FP
CS0 CS1 CS2 VDD VCC A6 A5 A4 A3 A2 A1 VrefU2
RST SCL SDA A7 A8 A9 A10 A11 A12 Vref VrefU1 GND
R2068 10K
C2024 1000P
R2093 3.3K
R2075 2.2K
W_PROTECT
STB
SSOR
STBY_POW
SR_UP
CSEN2
IREM
MP_DA
MP_CS
MP_CLK
DDC_SCL
TXDO_M
RXDO_M
PHOTO
MOTOR-
MOTOR+
F_MODE2
DDCRST
PMUTE
DACCS2
DACCS1
VSH_OUT
F_MODE1
REQ
TV_POW2
TV_POW
R2074 47K
R2072 22K
R2060 0
R2061 100
R2062 100
R2063 100
R2064 100
R2620 100K
R2081 22K
Q2004
DTC144EE
INVERTER
FLASH_W
D2004
MA157A
Q2007
2SC3928AR
BUFFER
R2076 100
R2077 1K
C2020 0.01u
C2034 0.1u Z 25V
IC2015
SN2G66CT
SW
VDD
VSS
R2600 10K
SMPOW
CONFIG_SCL
TMDS_RST
MSTATE
LSYNC
DDC_SDA
R2043 100
R2051 100
R2052 100
R2053 22K
R2065 100 CJ
R2604 10
TV_POW2
CSEN1
SR_UP
P2004
NA048WJ
RM
TO R/C.LED
R/C
BU5V
GND
POWG_LED
OPC
TIM_LED
OPC_LED
POWR_LED
R/C_LED
FB2003 A005WJ
FB2004 A005WJ
FB2005 A005WJ
FB2006 A005WJ
FB2007 A005WJ
FB2008 A005WJ
FB2009 A005WJ
*FB2017 A005WJ
IC2014
TC7W34U
BUFFER
VCC
GND
C2019 0.1u 25V Z
BU5V
CSEN1
CSEN2
SR_UP1
R2095 22K
CONFIG_SCL
CONFIG_SDA
*Q2006
2SK536
Q2013
2SK536
SW
Q2014
2SK536
SW
DDC_SCL
ERATOR
003
694C
R2618 22
C2017 0.1u 25V Z
*Q2005
2SK536
*C2033 1u 6.3V
*R2078 22K
IC2008
BR24C08F
MEMORY E2P
BUFFER
*Q2008
2SA1530AR
D3.3V
*R2080 10K
*R2079 10K
BUFFER
*Q2009
DTC144EE
C2022 100u 16V ASY
C2023 0.1u 25V Z
TO POWER
FB2001
0006TA
TV_POW
BU5V
D3.3V
D5V
VSH_IN
VSH_OUT
FAN-ERR
FAN-CNT
L_FL_ERR
TV_POW2
POWDTC_M
OSTEMP
STB
SR-DOWN
_TMDS
MSTATE
DDC_SDA
SR-DOWN
D3.3V
D5V

10	11	12	13	14	15	16	17	18	19

■ LCD CONTROL Unit-6/8 (LC-37GD1E)

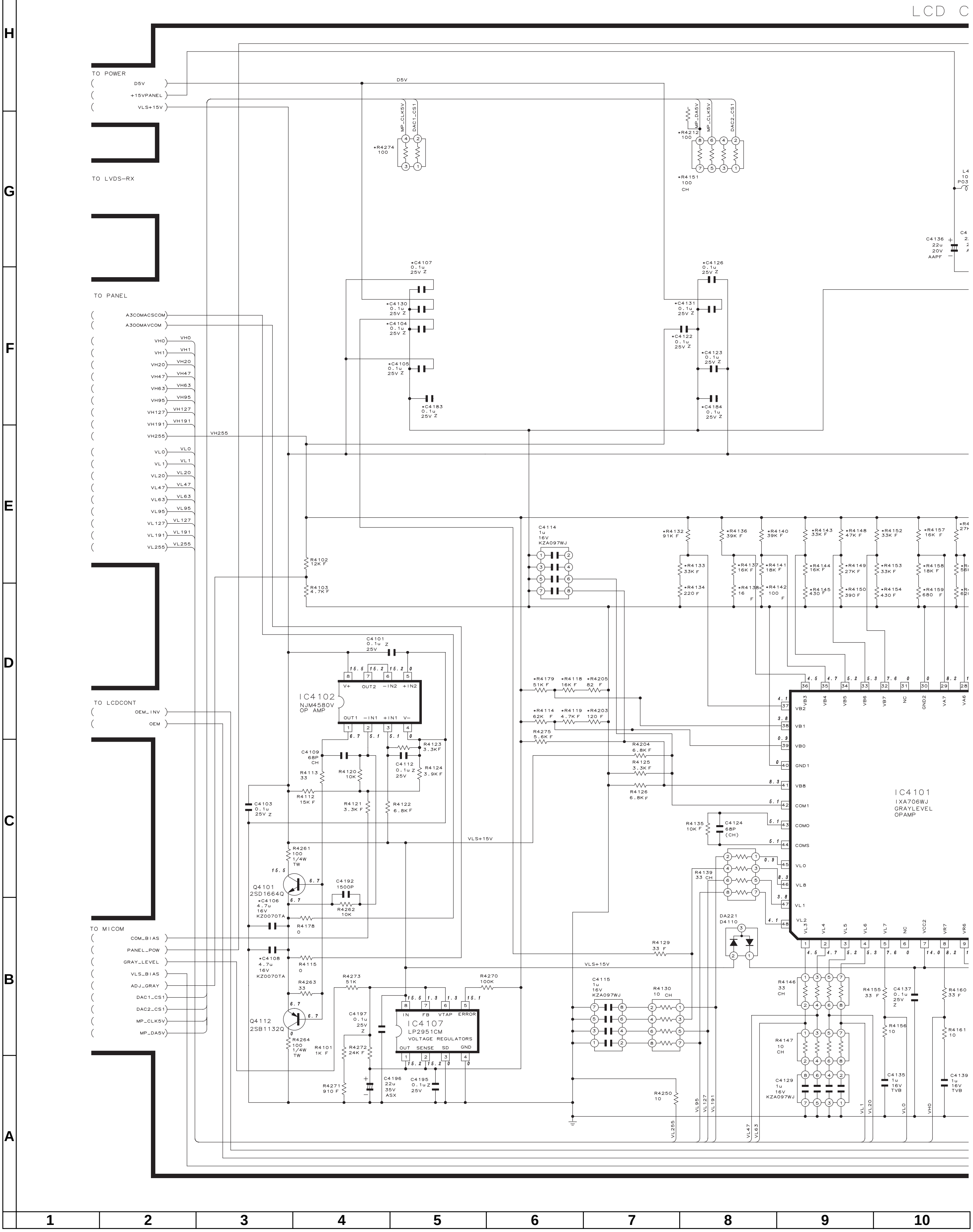

LCD CONT 6 (MICOM
LCD_CONT UNIT 6/8
DUNTKC268UJ17
(PWBXC268WJ)
TO LCDCONT
FREE_RUN
PMUTE
DDC_RST
MP_DA
MP_CS
MP_CLK
TO QS_EVEN
PLL_LOCKE
TO QS_ODD
PLL_LOCKO
TO LVDS-RX
N_RST_PL
Q2003
DTC144EE
Q2012
DTC144EE
IC2016
LVX125FT
BUFFER
C2025
0.01u
CYB
C2035
0.1u Z
25V
D3.3V
DDC_RST
OPC
KEY1
KEY2
STBY_POW
MP_CLK
BU5V_FB2001
R2011
10K
R2006
33K
CJ
R2012
1K
R2013
39K
R2014
22K
R2024
1K
R2025
1K
R2026
22K
R2027
4.7K
R2030
100
CJ
R2028
4.7K
R2037
33K
HDCP_SCL
HDCP_SDA
POWR_LED
POWG_LED
SR_UP1
C2015
0.1u
25V Z
C2009
1000P
R2038
1K
R2039
100
CJ
R2040
100
R2046
100
R2047
2.7K
R2048
100
R2049
100
R2050
68K
C2010
0.01u
C2012
1000P
C2013
1000P
RXD0_M
R2606
22
R2605
22
RXD0_MA
C2014
0.1u
25V Z
R2007
100
CCKM
X2001
SC0032TA
R2018
10M
C2006
22P
(CH)
R2017
390K
C2007
22P (CH)
C2003
0.1u
25V Z
FL2001
Z0169TA
(10MHz)
R2019
1M
C2016
0.1u
25V Z
IC2004
IXA870WJ
MICRO-PROCESSOR
MOTOR_CHK
OPC
CCKM
AVCC
XOUT
XIN
VCI
RESET
TEST
VSS
OSC2
OSC1
VCC
TMDS_VSH_I
CSEN1
SMPOW
PANELPOW
FREERUN
AREA2
OSTEMP
AREA1
POWR_LED
POWG_LED
SR_UP
CSEN2
IREM
MP_DA
MP_CS
MP_CLK
DDC_SCL
TXDO_M
RXDO_M
PHOTO
MOTOR-
MOTOR+
F_MODE2
DDCRST
PMUTE
DACCS2
DACCS1
VSH_OUT
F_MODE1
REQ
TV_POW2
TV_POW
L_FL_ERR
POWDTC_M
DDC_POW
QS_DLL_CHK
OPT2
OPT1
FAN_ERR
W_PROT_M
CONFIG_SDA
CONFIG_SCL
TMDS_RST
MSTATE
LSYNC
DDC_SDA
SC2001
N0490FJ
TO TMDS RX
TC
GND
DDC-POW
DDC-SCL
DDC-SDA
CONFIG-SCL
CONFIG-SDA
RXD0-M
TXD0-M
SMPOW
CCKM
CSEN2
CSEN1
SR-UP
MSTATE
HDCP-SCL
HDCP-SDA
W-PROTECT
TXD1-M
RXD1-M
RSTB-TMDS
TMDS-RST
LSYNC
SRST
FLASH-W
REQ
SP-L
N_RST_PL
SR-DOWN
Q2002
DTC144EE
C2001
0.1uZ
25V
R2003
22K
C2004
0.1u Z
25V
RESET
IC2001
BD4742G
R2614
100K
SRST
BU5V_FB2001
PANEL_POW
R2020
100
D2005
1SS355
R2009
100
R2010
22K
RSTB_TMDS
R2004
100
R2005
100
R2021
100
R2022
100
C2032
0.1uZ
25V
R2031
100
R2041
100
R2042
100
R2043
100
R2051
100
R2052
100
R2053
22K
CSEN1
R2035
47K
R2002
47K
R2008
22K
R2023
100K
R2092
22K
VSH_IN
L_FL_ERR
POWDTC_M
FAN_ERR
TMDS_RST
LSYNC
R2613
2.2K F
R2612
8.2K F
D5V
Q2010
DTC114EE
R2044
4.7K
R2095
22K
R2036
22K
R2045
4.7K
Q2013
2SK536
RXD0_MA
CCKM
D2002
1SS355
D2003
1SS355
C2005
0.1u
25V Z
Q2001
DTC114EE
R2083
10K
R2084
100K
FB2002
0006TA
D3.3V
R2087
100K
R2085
22
R2086
22
VCC
WP
SCL
SDA
A0
A1
A2
VSS
CONF_SDA
CONF_SCL
W_PROTECT
I2C
ACCELERATOR
IC2003
LTC1694C
R2618
22
MSTATE
RSTB_TMDS
DDC_SDA
DDC_POW
P2001
N0544FJ
ADJUST
AD
BU5V_OUT
N.C
GND
SRST
FLASH_W
TXD1_M
RXD1_M
R2089
100
R2088
100
IC2002
CONF E2P
IXA757WJN1
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10

6 (MICOM)

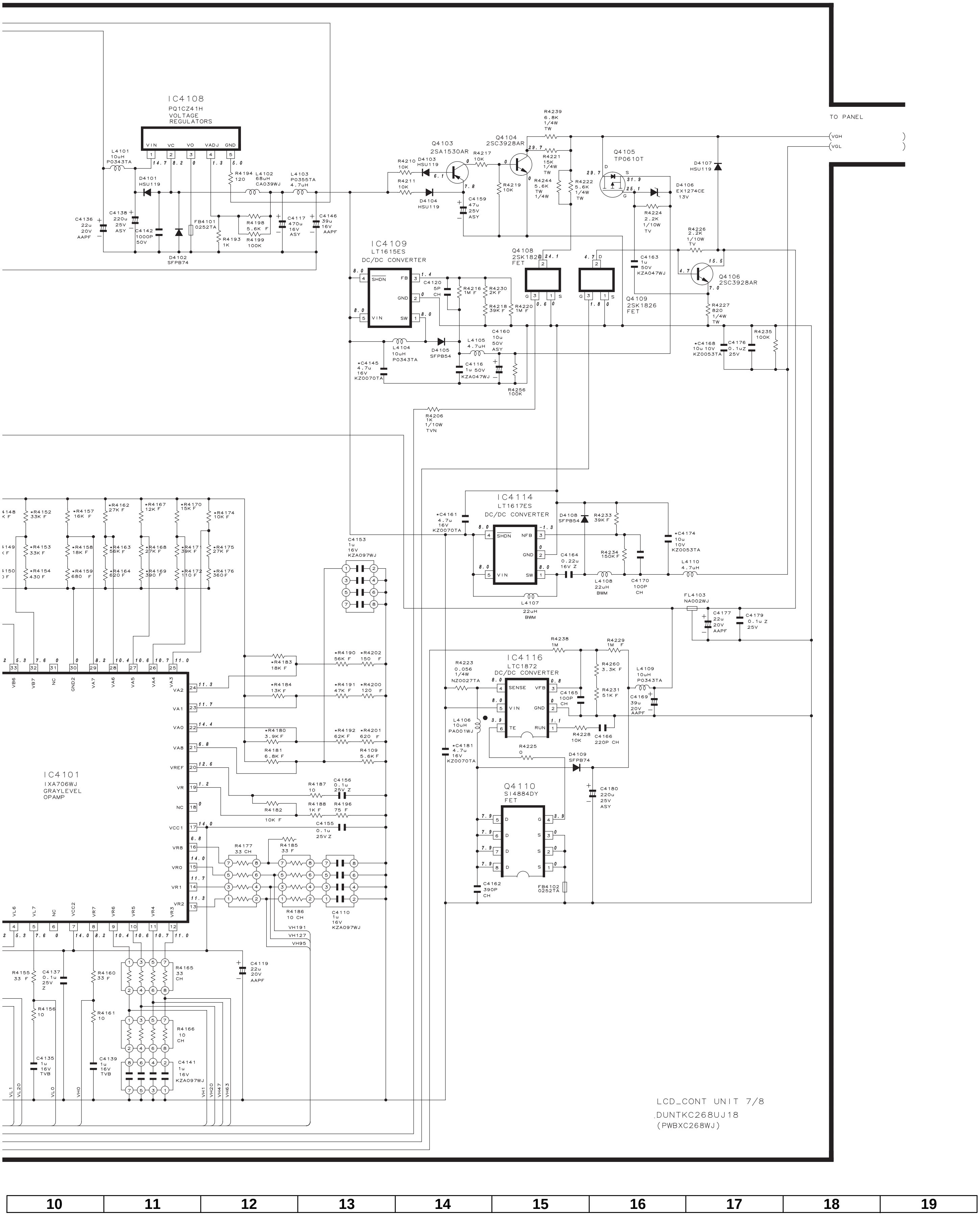

P2002
NA059WJ
KM
TO KEY
1 5V
2 KEY1
3 KEY2
4 STBY_POW
5 GND
FB2021 A005WJ
FB2022 A005WJ
FB2023 A005WJ
KEY1
KEY2
STBY_POW
MP_CLK
PMUTE
MP_CS
MP_DA
IC2017
LVX125FT
BUFFER
C2036 0.1uZ 25V
R2073 0
OSTEMP
TO GRAYLEVEL
PANEL_POW
VLS_BIAS
COM_BIAS
GRAY_LEVEL
DAC1_CS1
DAC2_CS1
MP_CLK5V
MP_DA5V
C2009 1000P
R2047 2.7K
R2046 100
R2048 100
R2049 100
R2050 68K
R2054 100
R2055 4.7K
R2056 100 CJ
R2066 100 CJ
R2623 22
R2070 0
TIM_LED
OPC_LED
FAN-CNT
C2021 0.1u 25V Z
D5V
IC2010
DAC
M62392FP
CS0 CS1 CS2 VDD VCC A6 A5 A4 A3 A2 A1 VrefU2
RST SCL SDA A7 A8 A9 A10 A11 A12 Vref VrefU1 GND
R2068 10K
R2093 3.3K
C2024 1000P
R2075 2.2K
W_PROTECT
STB
CSEN2
IREM
MP_DA
MP_CS
MP_CLK
DDC_SCL
TXDO_M
RXDO_M
PHOTO
MOTOR-
MOTOR+
F_MODE2
DDCRST
PMUTE
DACCS2
DACCS1
VSH_OUT
F_MODE1
REQ
TV_POW2
TV_POW
MSTATE
LSYNC
DDC_SDA
R2074 47K
R2072 22K
R2060 0
R2061 100
R2062 100
R2063 100
R2064 100
R2620 100K
R2081 22K
Q2004 DTC144EE
D2004 MA157A
FLASH_W
Q2007 2SC3928AR BUFFER
R2076 100
R2077 1K
C2020 0.01u
SMPOW
C2034 0.1uZ 25V
IC2015
SN2G66CT
VDD
VSS
R2600 10K
R2065 100 CJ
R2052 100
R2053 22K
R2051 100
R2604 10
TV_POW
TV_POW2
P2004
NA048WJ
RM
TO R/C.LED
1 R/C
2 BU5V
3 GND
4 POWG_LED
5 OPC
6 TIM_LED
7 OPC_LED
8 POWR_LED
9 R/C_LED
FB2003 A005WJ
FB2004 A005WJ
FB2005 A005WJ
FB2006 A005WJ
FB2007 A005WJ
FB2008 A005WJ
FB2009 A005WJ
POWG_LED
OPCA
TIM_LED
OPC_LED
POWR_LED
CSEN1
SR_UP
IC2014
TC7W34U
BUFFER
VCC
GND
C2019 0.1u 25V Z
BU5V
CSEN1
CSEN2
SR_UP1
CONFIG_SCL
CONFIG_SDA
Q2006 2SK536
Q2013 2SK536
Q2014 2SK536
DDC_SCL
R2618 22
C2017 0.1u 25V Z
Q2005 2SK536
C2033 1u 6.3V
IC2008
BR24C08F
MEMORY E2P
R2078 22K
BUFFER
Q2008 2SA1530AR
D3.3V
R2080 10K
R2079 10K
BUFFER
Q2009 DTC144EE
C2022 100u 16V ASX
C2023 0.1u 25V Z
TO POWER
FB2001 0006TA
TV_POW
BU5V
D3.3V
D5V
VSH_IN
VSH_OUT
FAN-ERR
FAN-CNT
L_FL_ERR
TV_POW2
POWDTC_M
OSTEMP
STB
SR-DOWN
SR-DOWN
D3.3V
D5V

10	11	12	13	14	15	16	17	18	19

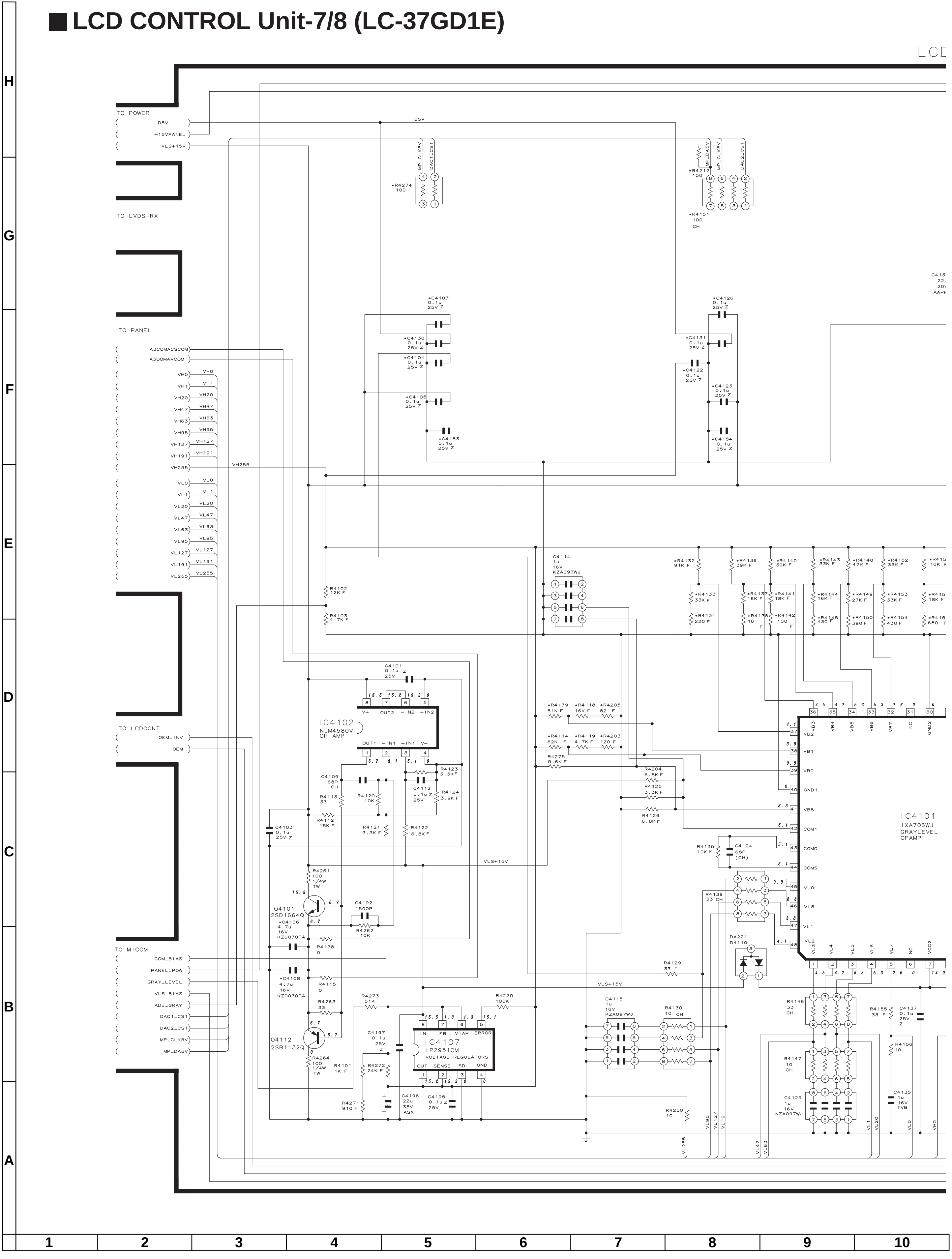
■ LCD CONTROL Unit-7/8 (LC-32GD1E)


LCD C
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO POWER
D5V
+15VPANEL
VLS+15V
TO LVDS-RX
TO PANEL
A3COMACSCOM
A3OOMAVCOM
VH0
VH1
VH20
VH47
VH63
VH95
VH127
VH191
VH255
VL0
VL1
VL20
VL47
VL63
VL95
VL127
VL191
VL255
TO LCDCONT
OEM_INV
OEM
TO MICOM
COM_BIAS
PANEL_POW
GRAY_LEVEL
VLS_BIAS
ADJ_GRAY
DAC1_CS1
DAC2_CS1
MP_CLK5V
MP_DA5V
D5V
MP_CLK5V
DAC1_CS1
MP_DA5V
DAC2_CS1
R4274 100
R4212 100
R4151 100 CH
C4136 22u 20V AAPF
C4107 0.1u 25V Z
C4130 0.1u 25V Z
C4104 0.1u 25V Z
C4105 0.1u 25V Z
C4183 0.1u 25V Z
C4126 0.1u 25V Z
C4131 0.1u 25V Z
C4122 0.1u 25V Z
C4123 0.1u 25V Z
C4184 0.1u 25V Z
C4114 1u 16V KZA097WJ
R4102 12K F
R4103 4.7K F
R4132 91K F
R4133 33K F
R4134 220 F
R4136 39K F
R4137 16K F
R4138 16 F
R4140 39K F
R4141 18K F
R4142 100 F
R4143 33K F
R4144 16K F
R4145 430 F
R4148 47K F
R4149 27K F
R4150 390 F
R4152 33K F
R4153 33K F
R4154 430 F
R4157 16K F
R4158 18K F
R4159 680 F
C4101 0.1u Z 25V
IC4102 NJM4580V OP AMP
V+ OUT2 −IN2 +IN2
OUT1 −IN1 +IN1 V−
15.5 15.2 15.2 0
6.7 5.1 5.1 0
C4109 68P CH
R4113 33
R4120 10K
C4112 0.1u Z 25V
R4123 3.3K F
R4124 3.9K F
R4112 15K F
R4121 3.3K F
R4122 6.8K F
C4103 0.1u 25V Z
VLS+15V
R4261 100 1/4W TW
Q4101 2SD1664Q
C4192 1500P
R4262 10K
C4106 4.7u 16V KZ0070TA
R4178 0
C4108 4.7u 16V KZ0070TA
R4115 0
R4263 33
R4273 51K
R4270 100K
Q4112 2SB1132Q
R4264 100 1/4W TW
R4101 1K F
R4272 24K F
R4271 910 F
C4197 0.1u 25V Z
IC4107 LP2951CM VOLTAGE REGULATORS
IN FB VTAP ERROR
OUT SENSE SD GND
15.5 1.3 1.3 15.1
15.2 15.2 0
C4196 22u 35V ASX
C4195 0.1u Z 25V
R4179 51K F
R4118 16K F
R4205 82 F
R4114 62K F
R4119 4.7K F
R4203 120 F
R4275 5.6K F
R4204 6.8K F
R4125 3.3K F
R4126 6.8K F
R4135 10K F
C4124 68P (CH)
R4139 33 CH
DA221 D4110
R4129 33 F
C4115 1u 16V KZA097WJ
R4130 10 CH
R4250 10
VL255
VL95
VL127
VL191
VL47
VL63
IC4101 IXA706WJ GRAYLEVEL OPAMP
VB3 VB4 VB5 VB6 VB7 NC GND2 VA7 VA6
VB2 VB1 VB0 GND1 VB8 COM1 COMO COMS VL0 VL8 VL1 VL2
VL3 VL4 VL5 VL6 VL7 NC VCC2 VR7 VR6
36 35 34 33 32 31 30 29 28
37 38 39 40 41 42 43 44 45 46 47 48
1 2 3 4 5 6 7 8 9
4.5 4.7 5.2 5.3 7.6 0 0 8.2
4.1 3.8 0.9 0 8.3 5.1 5.1 5.1 0.9 8.3 3.8 4.1
4.5 4.7 5.2 5.3 7.6 0 14.0 8.2
R4146 33 CH
R4147 10 CH
C4129 1u 16V KZA097WJ
R4155 33 F
C4137 0.1u 25V Z
R4156 10
C4135 1u 16V TVB
R4160 33 F
R4161 10
C4139 1u 16V TVB
VL1
VL20
VL0
VH0

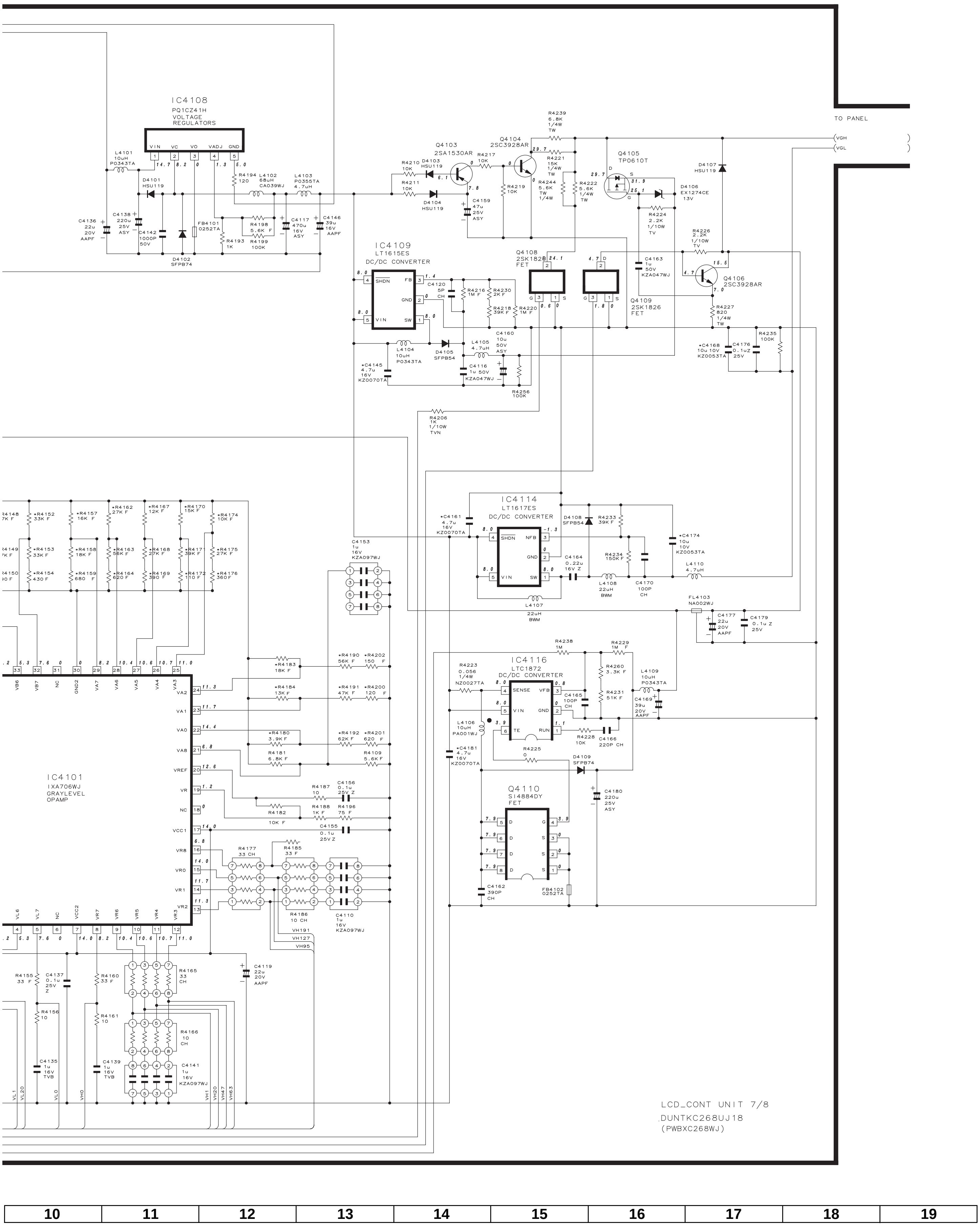
LCD CONT 7 (GRAYLEVEL)


TO PANEL
VGH
VGL
IC4108
PQ1CZ41H
VOLTAGE
REGULATORS
VIN VC VO VADJ GND
L4101 10uH P0343TA
D4101 HSU119
C4136 22u 20V AAPF
C4138 220u 25V ASY
C4142 1000P 50V
D4102 SFPB74
FB4101 0252TA
R4193 1K
R4194 120
L4102 68uH CA039WJ
L4103 P0355TA 4.7uH
R4198 5.6K F
R4199 100K
C4117 470u 16V ASY
C4146 39u 16V AAPF
Q4103 2SA1530AR
Q4104 2SC3928AR
Q4105 TP0610T
R4239 6.8K 1/4W TW
R4210 10K
R4211 10K
D4103 HSU119
D4104 HSU119
R4217 10K
R4221 15K 1/4W TW
R4219 10K
R4244 5.6K TW 1/4W
R4222 5.6K 1/4W TW
C4159 47u 25V ASY
D4106 EX1274CE 13V
D4107 HSU119
R4224 2.2K 1/10W TV
R4226 2.2K 1/10W TV
IC4109
LT1615ES
DC/DC CONVERTER
SHDN FB GND VIN SW
C4120 5P CH
R4216 1M F
R4230 2K F
R4218 39K F
R4220 1M F
Q4108 2SK1826 FET
Q4109 2SK1826 FET
C4163 1u 50V KZA047WJ
Q4106 2SC3928AR
R4227 820 1/4W TW
L4104 10uH P0343TA
D4105 SFPB54
L4105 4.7uH
C4160 10u 50V ASY
C4145 4.7u 16V KZ0070TA
C4116 1u 50V KZA047WJ
R4256 100K
C4168 10u 10V KZ0053TA
C4176 0.1uZ 25V
R4235 100K
R4206 1K 1/10W TVN
IC4114
LT1617ES
DC/DC CONVERTER
SHDN NFB GND VIN SW
C4161 4.7u 16V KZ0070TA
D4108 SFPB54
R4233 39K F
R4234 150K F
C4174 10u 10V KZ0053TA
C4164 0.22u 16V Z
L4108 22uH BWM
C4170 100P CH
L4110 4.7uH
L4107 22uH BWM
FL4103 NA002WJ
C4177 22u 20V AAPF
C4179 0.1u Z 25V
C4153 1u 16V KZA097WJ
IC4116
LTC1872
DC/DC CONVERTER
SENSE VFB VIN GND TE RUN
R4223 0.056 1/4W NZ0027TA
R4238 1M
R4229 1M F
R4260 3.3K F
R4231 51K F
C4165 100P CH
L4109 10uH P0343TA
C4169 39u 20V AAPF
L4106 10uH PA001WJ
R4228 10K
C4166 220P CH
C4181 4.7u 16V KZ0070TA
R4225 0
D4109 SFPB74
C4180 220u 25V ASY
Q4110
SI4884DY
FET
C4162 390P CH
FB4102 0252TA
IC4101
IXA706WJ
GRAYLEVEL
OPAMP
VB6 VB7 NC GND2 VA7 VA6 VA5 VA4 VA3
VA2 VA1 VA0 VA8 VREF VR NC VCC1 VR8 VR0 VR1 VR2
VL6 VL7 NC VCC2 VR7 VR6 VR5 VR4 VR3
R4152 33K F
R4157 16K F
R4162 27K F
R4167 12K F
R4170 15K F
R4174 10K F
R4153 33K F
R4158 18K F
R4163 56K F
R4168 27K F
R4171 39K F
R4175 27K F
R4154 430 F
R4159 680 F
R4164 620 F
R4169 390 F
R4172 110 F
R4176 360 F
R4183 18K F
R4184 13K F
R4180 3.9K F
R4181 6.8K F
R4190 56K F
R4202 150 F
R4191 47K F
R4200 120 F
R4192 62K F
R4201 620 F
R4109 5.6K F
R4187 10
C4156 0.1u 25V Z
R4182 10K F
R4188 1K F
R4196 75 F
C4155 0.1u 25V Z
R4177 33 CH
R4185 33 F
R4186 10 CH
C4110 1u 16V KZA097WJ
VH191 VH127 VH95
R4155 33 F
C4137 0.1u 25V Z
R4160 33 F
R4165 33 CH
C4119 22u 20V AAPF
R4156 10
R4161 10
R4166 10 CH
C4135 1u 16V TVB
C4139 1u 16V TVB
C4141 1u 16V KZA097WJ
VL1 VL20 VL0 VH0 VH1 VH20 VH47 VH63
LCD_CONT UNIT 7/8
DUNTKC268UJ18
(PWBXC268WJ)
10 11 12 13 14 15 16 17 18 19

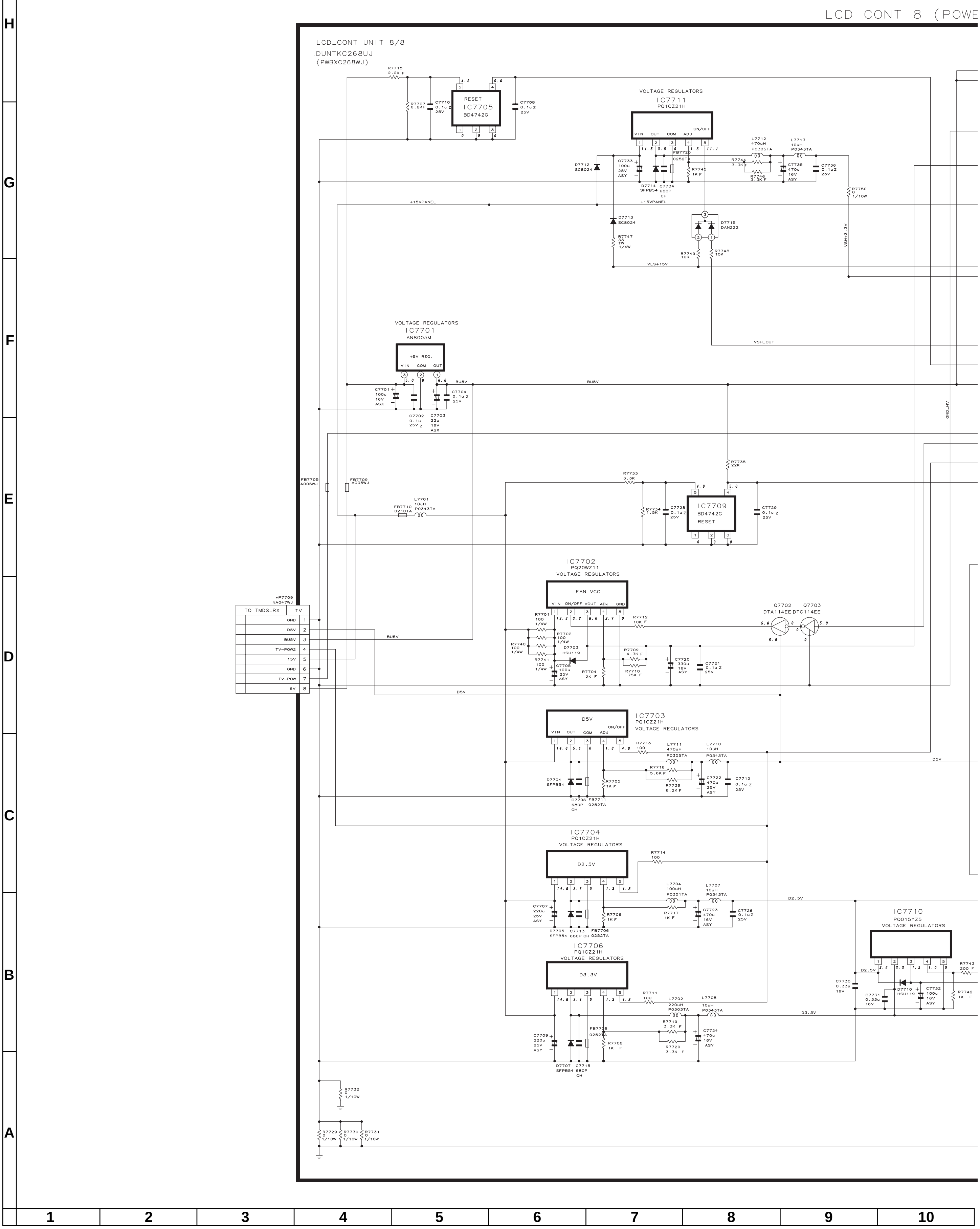
■ LCD CONTROL Unit-7/8 (LC-37GD1E)

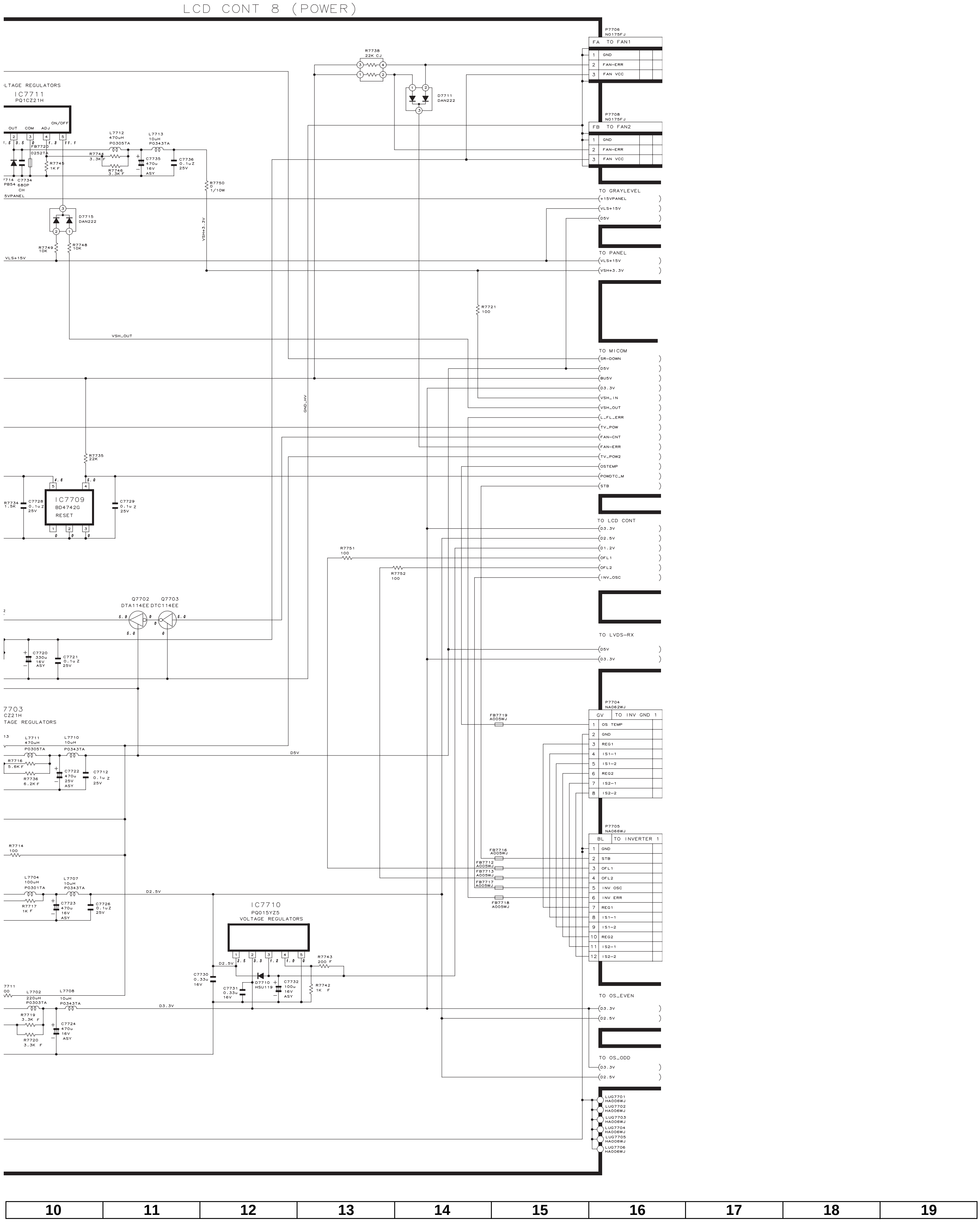

LCD
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
TO POWER
D5V
+15VPANEL
VLS+15V
TO LVDS-RX
TO PANEL
A3COMACSCOM
A3OOMAVCOM
VH0
VH1
VH20
VH47
VH63
VH95
VH127
VH191
VH255
VL0
VL1
VL20
VL47
VL63
VL95
VL127
VL191
VL255
TO LCDCONT
OEM_INV
OEM
TO MICOM
COM_BIAS
PANEL_POW
GRAY_LEVEL
VLS_BIAS
ADJ_GRAY
DAC1_CS1
DAC2_CS1
MP_CLK5V
MP_DA5V
*R4274 100
*R4212 100
*R4151 100 CH
*C4107 0.1u 25V Z
*C4130 0.1u 25V Z
*C4104 0.1u 25V Z
*C4105 0.1u 25V Z
*C4183 0.1u 25V Z
*C4126 0.1u 25V Z
*C4131 0.1u 25V Z
*C4122 0.1u 25V Z
*C4123 0.1u 25V Z
*C4184 0.1u 25V Z
C4136 22u 20V AAPF
C4114 1u 16V KZA097WJ
R4102 12K F
R4103 4.7K F
*R4132 91K F
*R4133 33K F
*R4134 220 F
*R4136 39K F
*R4137 16K F
*R4138 16 F
*R4140 39K F
*R4141 18K F
*R4142 100 F
*R4143 33K F
*R4144 16K F
*R4145 430 F
*R4148 47K F
*R4149 27K F
*R4150 390 F
*R4152 33K F
*R4153 33K F
*R4154 430 F
C4101 0.1u Z 25V
IC4102 NJM4580V OP AMP
V+ OUT2 -IN2 +IN2
OUT1 -IN1 +IN1 V-
C4109 68P CH
R4113 33
R4112 15K F
R4120 10K
C4112 0.1u Z 25V
R4123 3.3K F
R4124 3.9K F
R4121 3.3K F
R4122 6.8K F
C4103 0.1u 25V Z
R4261 100 1/4W TW
Q4101 2SD1664Q
C4192 1500P
R4262 10K
*C4106 4.7u 16V KZ0070TA
R4178 0
*C4108 4.7u 16V KZ0070TA
R4115 0
R4263 33
R4273 51K
Q4112 2SB1132Q
R4264 100 1/4W TW
R4101 1K F
R4272 24K F
R4271 910 F
C4197 0.1u 25V Z
C4196 22u 35V ASX
C4195 0.1u Z 25V
IC4107 LP2951CM VOLTAGE REGULATORS
IN FB VTAP ERROR
OUT SENSE SD GND
R4270 100K
VLS+15V
*R4179 51K F
*R4118 16K F
*R4205 82 F
*R4114 62K F
*R4119 4.7K F
*R4203 120 F
R4275 5.6K F
R4204 6.8K F
R4125 3.3K F
R4126 6.8K F
R4135 10K F
C4124 68P (CH)
R4139 33 CH
DA221 D4110
R4129 33 F
C4115 1u 16V KZA097WJ
R4130 10 CH
R4250 10
R4146 33 CH
R4147 10 CH
C4129 1u 16V KZA097WJ
R4155 33 F
C4137 0.1u 25V Z
R4156 10
C4135 1u 16V TVB
IC4101 IXA706WJ GRAYLEVEL OPAMP
VB3 VB4 VB5 VB6 VB7 NC GND2
VB2 VB1 VB0 GND1 VB8 COM1 COMO COMS VL0 VL8 VL1 VL2
VL3 VL4 VL5 VL6 VL7 NC VCC2
VL255 VL95 VL127 VL191 VL47 VL63 VL1 VL20 VL0 VH0

LCD CONT 7 (GRAYLEVEL)

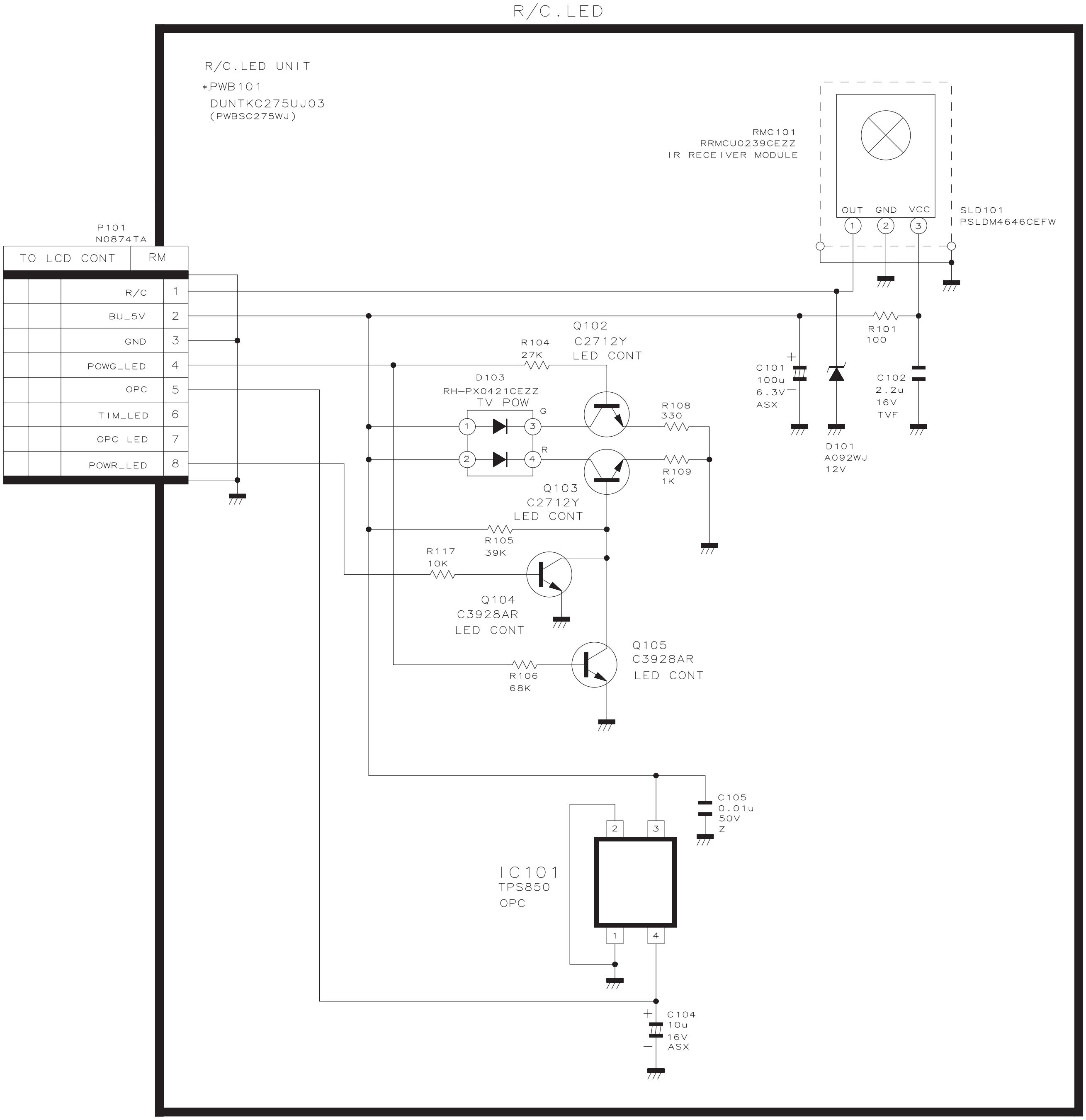

IC4108
PQ1CZ41H
VOLTAGE REGULATORS
VIN VC VO VADJ GND
L4101 10uH P0343TA
D4101 HSU119
C4136 22u 20V AAPF
C4138 220u 25V ASY
C4142 1000P 50V
D4102 SFPB74
FB4101 0252TA
R4193 1K
R4194 120
L4102 68uH CA039WJ
L4103 P0355TA 4.7uH
R4198 5.6K F
R4199 100K
C4117 470u 16V ASY
C4146 39u 16V AAPF
Q4103 2SA1530AR
R4210 10K
R4211 10K
D4103 HSU119
D4104 HSU119
R4217 10K
C4159 47u 25V ASY
R4219 10K
Q4104 2SC3928AR
R4239 6.8K 1/4W TW
R4221 15K 1/4W TW
R4244 5.6K TW 1/4W
R4222 5.6K 1/4W TW
Q4105 TP0610T
D4106 EX1274CE 13V
R4224 2.2K 1/10W TV
D4107 HSU119
TO PANEL
VGH
VGL
IC4109
LT1615ES
DC/DC CONVERTER
SHDN FB GND VIN SW
C4120 5P CH
R4216 1M F
R4230 2K F
R4218 39K F
R4220 1M F
Q4108 2SK1826 FET
Q4109 2SK1826 FET
C4163 1u 50V KZA047WJ
R4226 2.2K 1/10W TV
Q4106 2SC3928AR
R4227 820 1/4W TW
R4235 100K
C4168 10u 10V KZ0053TA
C4176 0.1uZ 25V
L4104 10uH P0343TA
D4105 SFPB54
L4105 4.7uH
C4160 10u 50V ASY
C4116 1u 50V KZA047WJ
C4145 4.7u 16V KZ0070TA
R4256 100K
R4206 1K 1/10W TVN
IC4114
LT1617ES
DC/DC CONVERTER
SHDN NFB GND VIN SW
C4161 4.7u 16V KZ0070TA
D4108 SFPB54
R4233 39K F
R4234 150K F
C4164 0.22u 16V Z
C4174 10u 10V KZ0053TA
L4110 4.7uH
L4108 22uH BWM
C4170 100P CH
L4107 22uH BWM
FL4103 NA002WJ
C4177 22u 20V AAPF
C4179 0.1u Z 25V
IC4116
LTC1872
DC/DC CONVERTER
SENSE VFB VIN GND TE RUN
R4223 0.056 1/4W NZ0027TA
R4238 1M
R4229 1M F
R4260 3.3K F
R4231 51K F
C4165 100P CH
L4109 10uH P0343TA
C4169 39u 20V AAPF
L4106 10uH PA001WJ
C4181 4.7u 16V KZ0070TA
R4228 10K
C4166 220P CH
R4225 0
D4109 SFPB74
C4180 220u 25V ASY
Q4110
SI4884DY
FET
C4162 390P CH
FB4102 0252TA
C4153 1u 16V KZA097WJ
R4148 R4149 R4150
R4152 33K F
R4153 33K F
R4154 430 F
R4157 16K F
R4158 18K F
R4159 680 F
R4162 27K F
R4163 56K F
R4164 620 F
R4167 12K F
R4168 27K F
R4169 390 F
R4170 15K F
R4171 39K F
R4172 110 F
R4174 10K F
R4175 27K F
R4176 360 F
R4183 18K F
R4184 13K F
R4180 3.9K F
R4181 6.8K F
R4190 56K F
R4202 150 F
R4191 47K F
R4200 120 F
R4192 62K F
R4201 620 F
R4109 5.6K F
R4187 10
C4156 0.1u 25V Z
R4182 10K F
R4188 1K F
R4196 75 F
C4155 0.1u 25V Z
R4177 33 CH
R4185 33 F
R4186 10 CH
C4110 1u 16V KZA097WJ
VH191 VH127 VH95
IC4101
IXA706WJ
GRAYLEVEL OPAMP
VB6 VB7 NC GND2 VA7 VA6 VA5 VA4 VA3
VA2 VA1 VA0 VA8 VREF VR NC VCC1 VR8 VR0 VR1 VR2
VL6 VL7 NC VCC2 VR7 VR6 VR5 VR4 VR3
C4119 22u 20V AAPF
R4155 33 F
C4137 0.1u 25V Z
R4156 10
R4160 33 F
R4161 10
R4165 33 CH
R4166 10 CH
C4135 1u 16V TVB
C4139 1u 16V TVB
C4141 1u 16V KZA097WJ
VL1 VL20 VL0 VH0 VH1 VH20 VH47 VH63
LCD_CONT UNIT 7/8
DUNTKC268UJ18
(PWBXC268WJ)
10 11 12 13 14 15 16 17 18 19

■ LCD CONTROL Unit-8/8

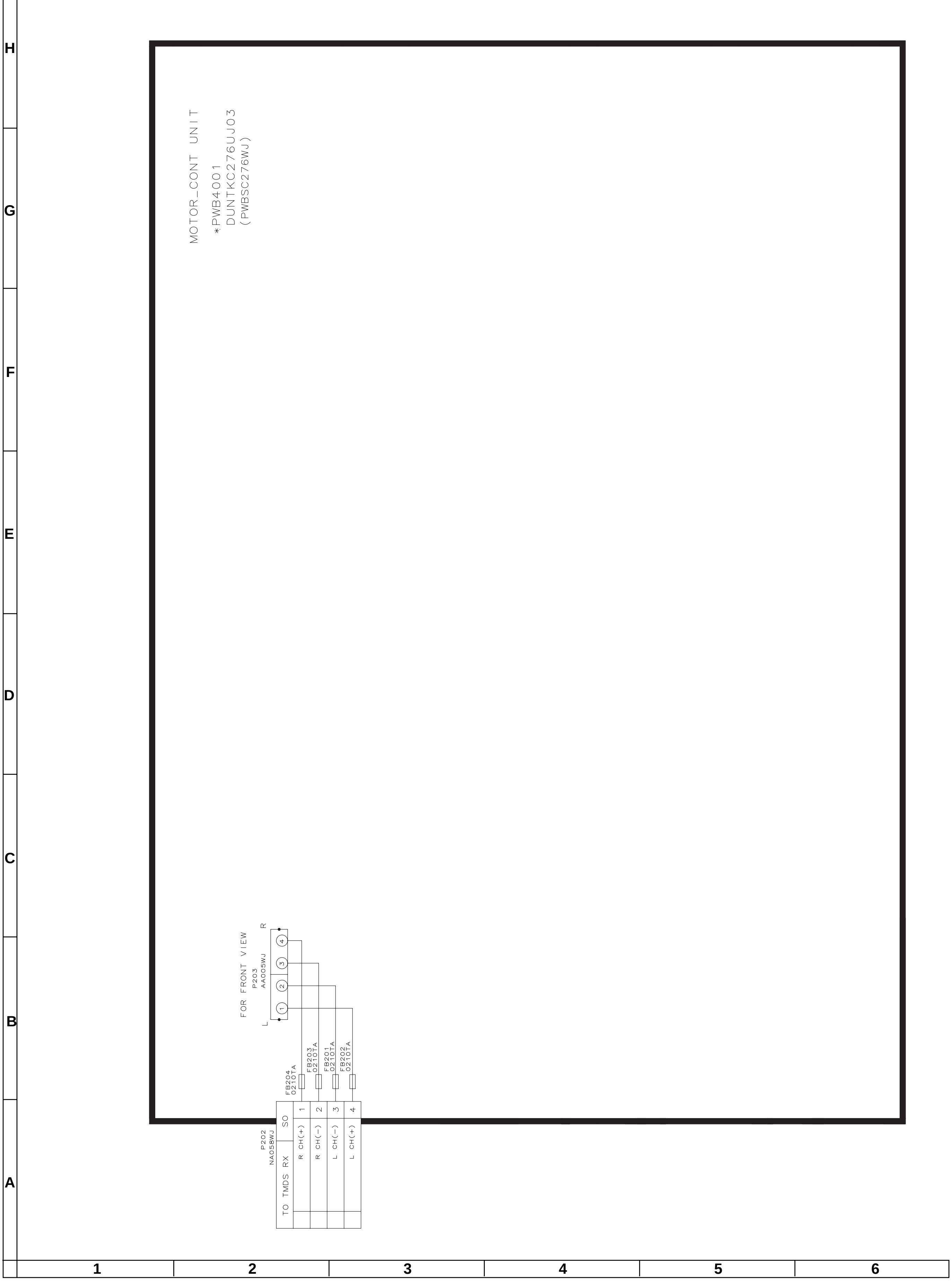

LCD CONT 8 (POWE
LCD_CONT UNIT 8/8
DUNTKC268UJ
(PWBXC268WJ)
RESET IC7705 BD4742G
VOLTAGE REGULATORS IC7711 PQ1CZ21H
VIN OUT COM ADJ ON/OFF
+15VPANEL
VLS+15V
VSH+3.3V
VSH_OUT
VOLTAGE REGULATORS IC7701 AN8005M
+5V REG.
BU5V
GND_HV
IC7709 BD4742G RESET
IC7702 PQ20WZ11 VOLTAGE REGULATORS
FAN VCC
Q7702 DTA114EE
Q7703 DTC114EE
P7709 NA047WJ
TO TMDS_RX TV
GND 1
D5V 2
BU5V 3
TV-POW2 4
15V 5
GND 6
TV-POW 7
6V 8
D5V
IC7703 PQ1CZ21H VOLTAGE REGULATORS
IC7704 PQ1CZ21H VOLTAGE REGULATORS
D2.5V
IC7710 PQ015YZ5 VOLTAGE REGULATORS
IC7706 PQ1CZ21H VOLTAGE REGULATORS
D3.3V
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


LCD CONT 8 (POWER)
VOLTAGE REGULATORS
IC7711
PQ1CZ21H
OUT COM ADJ ON/OFF
FB7720 0252TA
R7745 1K F
C7734 680P CH
5VPANEL
R7744 3.3K F
R7746 3.3K F
L7712 470uH P0305TA
L7713 10uH P0343TA
C7735 470u 16V ASY
C7736 0.1u Z 25V
R7750 0 1/10W
D7715 DAN222
R7749 10K
R7748 10K
VLS+15V
VSH+3.3V
VSH_OUT
R7738 22K CJ
D7711 DAN222
P7706 N0175FJ
FA TO FAN1
1 GND
2 FAN-ERR
3 FAN VCC
P7708 N0175FJ
FB TO FAN2
1 GND
2 FAN-ERR
3 FAN VCC
TO GRAYLEVEL
+15VPANEL
VLS+15V
D5V
TO PANEL
VLS+15V
VSH+3.3V
R7721 100
GND_HV
TO MICOM
SR-DOWN
D5V
BU5V
D3.3V
VSH_IN
VSH_OUT
L_FL_ERR
TV_POW
FAN-CNT
FAN-ERR
TV_POW2
OSTEMP
POWDTC_M
STB
R7735 22K
R7734 1.5K
C7728 0.1u Z 25V
IC7709
BD4742G
RESET
C7729 0.1u Z 25V
TO LCD CONT
D3.3V
D2.5V
D1.2V
OFL1
OFL2
INV_OSC
R7751 100
R7752 100
Q7702 DTA114EE
Q7703 DTC114EE
C7720 330u 16V ASY
C7721 0.1u Z 25V
TO LVDS-RX
D5V
D3.3V
7703
CZ21H
TAGE REGULATORS
L7711 470uH P0305TA
L7710 10uH P0343TA
R7716 5.6K F
R7736 6.2K F
C7722 470u 25V ASY
C7712 0.1u Z 25V
D5V
P7704 NA062WJ
GV TO INV GND 1
FB7719 A005WJ
1 OS TEMP
2 GND
3 REG1
4 IS1-1
5 IS1-2
6 REG2
7 IS2-1
8 IS2-2
R7714 100
L7704 100uH P0301TA
L7707 10uH P0343TA
R7717 1K F
C7723 470u 16V ASY
C7726 0.1u Z 25V
D2.5V
P7705 NA066WJ
BL TO INVERTER 1
FB7716 A005WJ
FB7712 A005WJ
FB7713 A005WJ
FB7717 A005WJ
FB7718 A005WJ
1 GND
2 STB
3 OFL1
4 OFL2
5 INV OSC
6 INV ERR
7 REG1
8 IS1-1
9 IS1-2
10 REG2
11 IS2-1
12 IS2-2
IC7710
PQ015YZ5
VOLTAGE REGULATORS
R7743 200 F
R7742 1K F
C7730 0.33u 16V
C7731 0.33u 16V
D7710 HSU119
C7732 100u 16V ASY
D2.5V
L7702 220uH P0303TA
L7708 10uH P0343TA
R7719 3.3K F
R7720 3.3K F
C7724 470u 16V ASY
D3.3V
TO OS_EVEN
D3.3V
D2.5V
TO OS_ODD
D3.3V
D2.5V
LUG7701 HA006WJ
LUG7702 HA006WJ
LUG7703 HA006WJ
LUG7704 HA006WJ
LUG7705 HA006WJ
LUG7706 HA006WJ
10
11
12
13
14
15
16
17
18
19

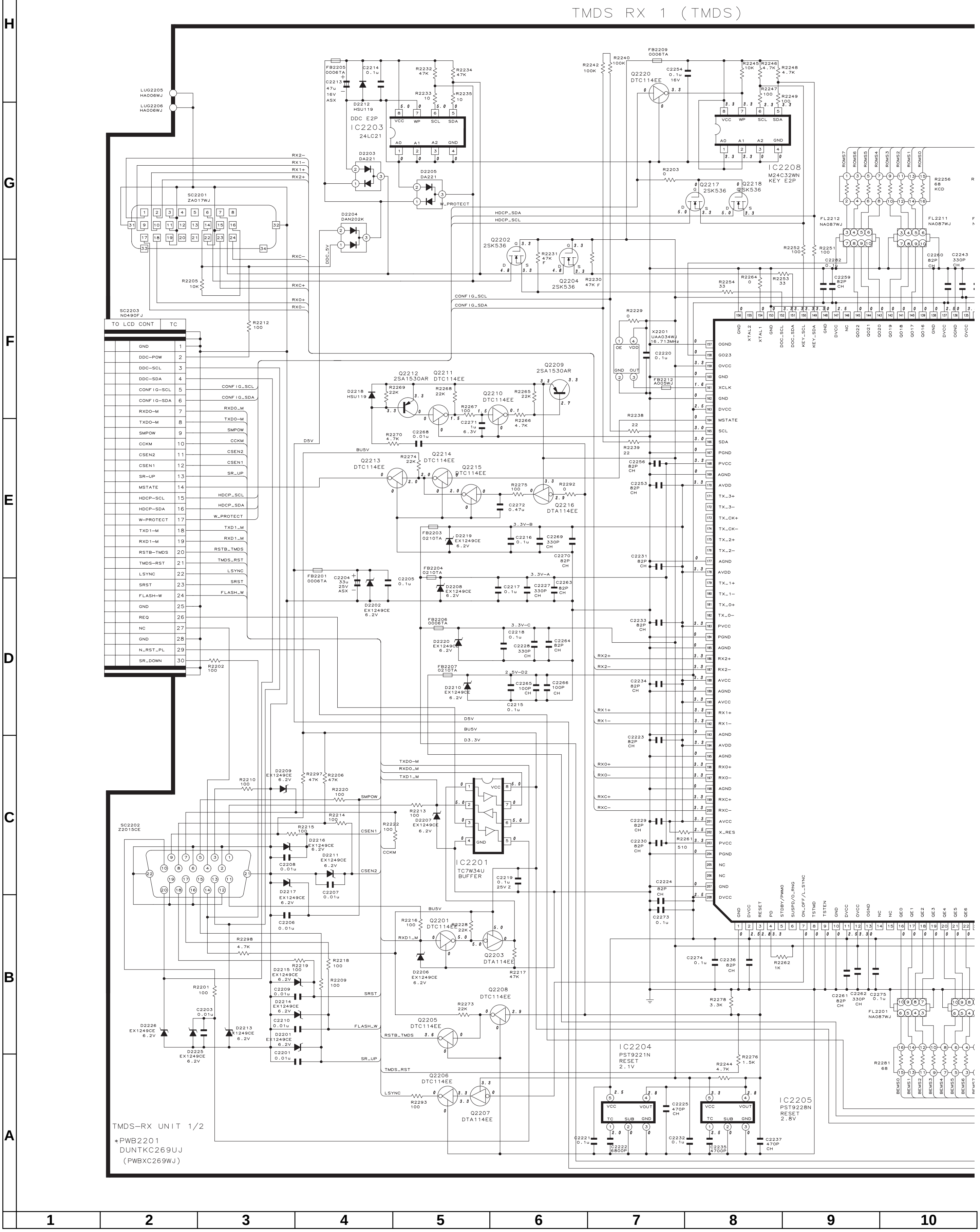
R/C LED Unit

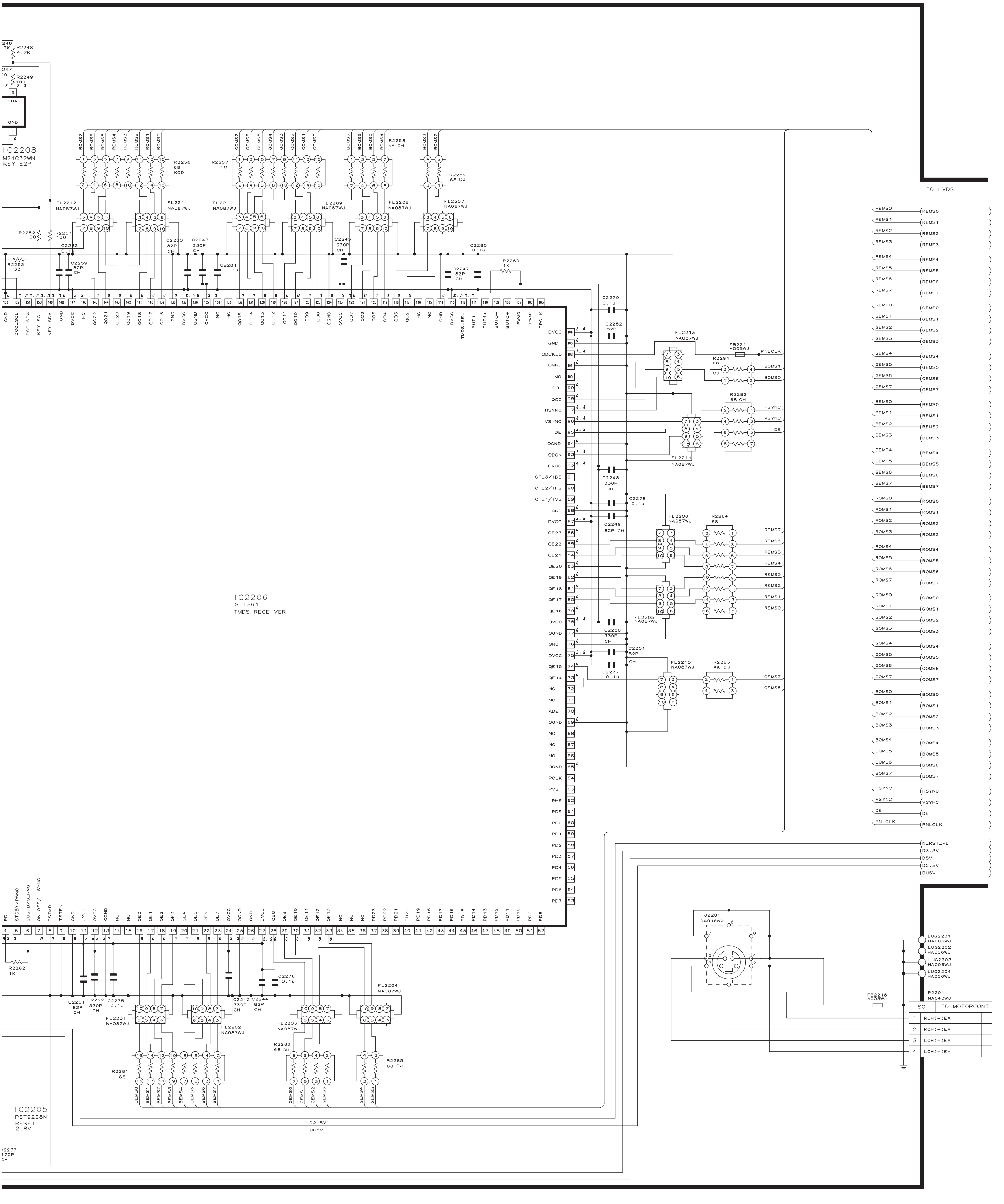

R/C.LED
R/C.LED UNIT
*PWB101
DUNTKC275UJ03
(PWBSC275WJ)
RMC101
RRMCU0239CEZZ
IR RECEIVER MODULE
OUT GND VCC
SLD101
PSLDM4646CEFW
P101
N0874TA
TO LCD CONT
RM
R/C 1
BU_5V 2
GND 3
POWG_LED 4
OPC 5
TIM_LED 6
OPC LED 7
POWR_LED 8
R104
27K
Q102
C2712Y
LED CONT
D103
RH-PX0421CEZZ
TV POW
G
R
R108
330
R109
1K
Q103
C2712Y
LED CONT
R101
100
C101
100u
6.3V
ASX
D101
A092WJ
12V
C102
2.2u
16V
TVF
R105
39K
R117
10K
Q104
C3928AR
LED CONT
Q105
C3928AR
LED CONT
R106
68K
C105
0.01u
50V
Z
IC101
TPS850
OPC
C104
10u
16V
ASX

MOTOR SP Unit

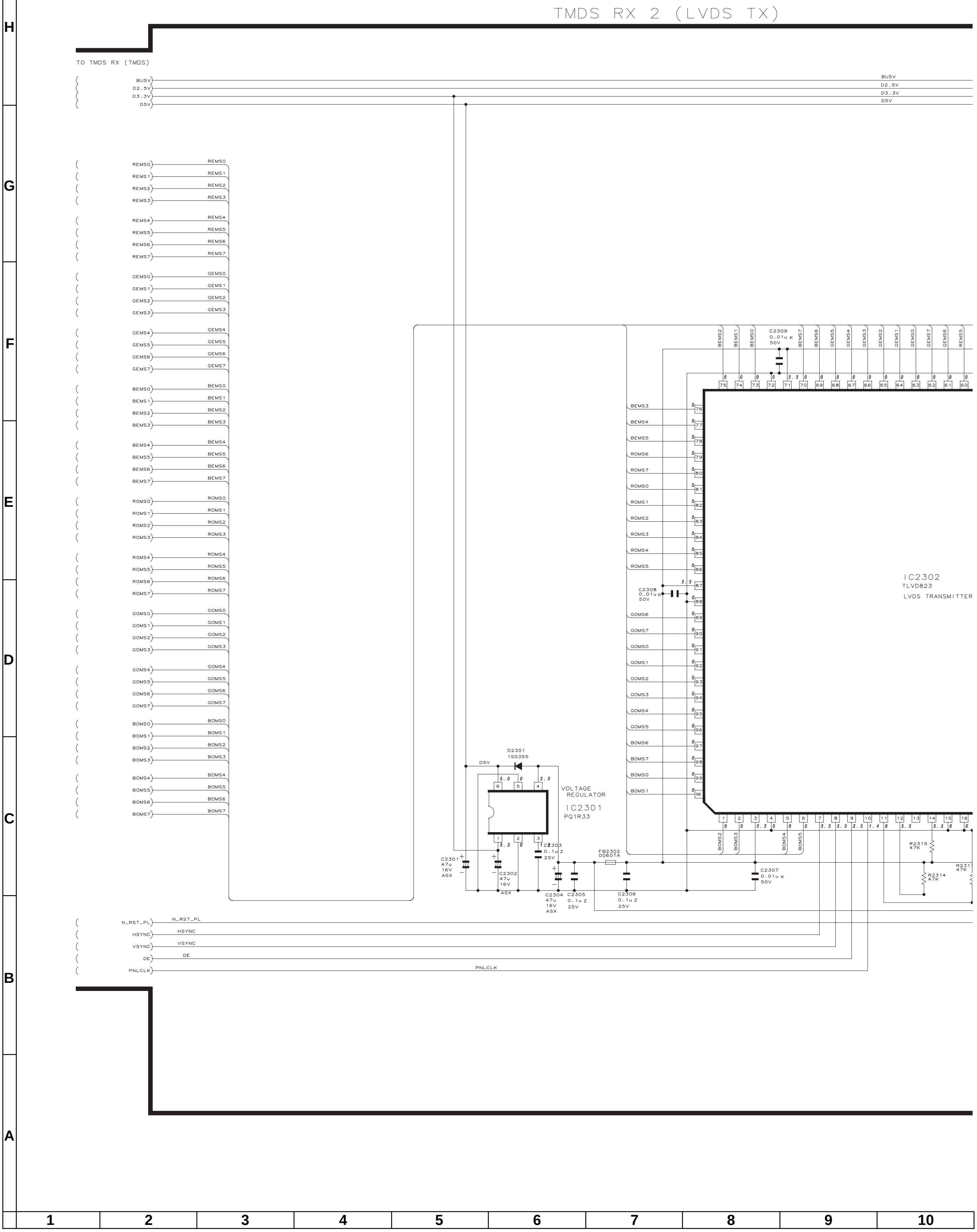

MOTOR_CONT UNIT
*PWB4001
DUNTKC276UJ03
(PWBSC276WJ)
FOR FRONT VIEW
P203
AA005WJ
L
R
1
2
3
4
FB204
0210TA
FB203
0210TA
FB201
0210TA
FB202
0210TA
P202
NA058WJ
SO
TO TMDS RX
1 R CH(+)
2 R CH(−)
3 L CH(−)
4 L CH(+)
H
G
F
E
D
C
B
A
1
2
3
4
5
6

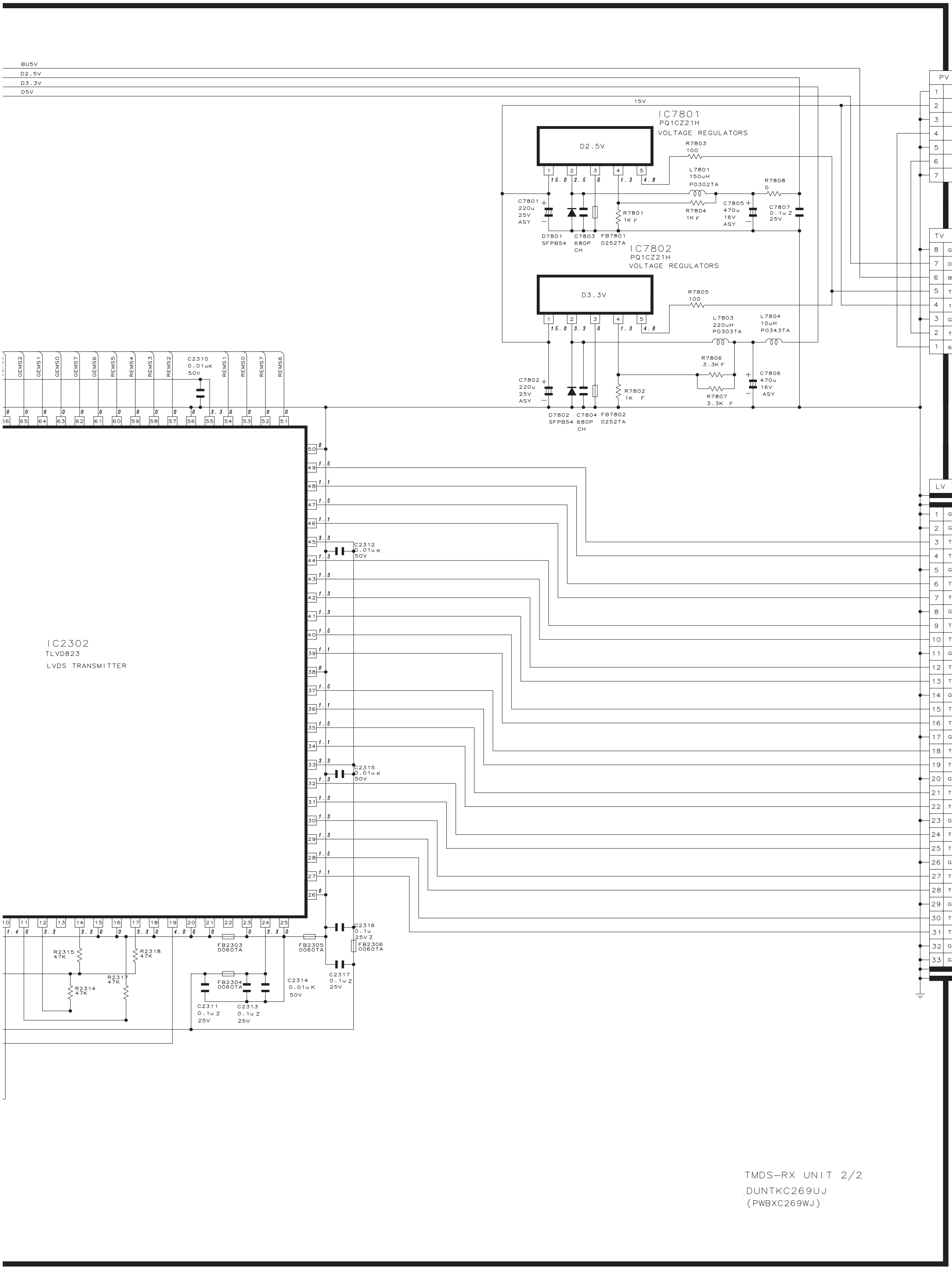
■ TMDS RX Unit-1/2


TMDS RX 1 (TMDS)
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
LUG2205 HA006WJ
LUG2206 HA006WJ
SC2201 ZA017WJ
SC2203 N0490FJ
TO LCD CONT
TC
GND
DDC-POW
DDC-SCL
DDC-SDA
CONFIG-SCL
CONFIG-SDA
RXD0-M
TXD0-M
SMPOW
CCKM
CSEN2
CSEN1
SR-UP
MSTATE
HDCP-SCL
HDCP-SDA
W-PROTECT
TXD1-M
RXD1-M
RSTB-TMDS
TMDS-RST
LSYNC
SRST
FLASH-W
REQ
NC
N_RST_PL
SR_DOWN
DDC E2P
IC2203
24LC21
IC2208
M24C32WN
KEY E2P
IC2201
TC7W34U
BUFFER
IC2204
PST9221N
RESET
2.1V
IC2205
PST9228N
RESET
2.8V
X2201
UAA034WJ
16.713MHz
SC2202
Z2015CE
TMDS-RX UNIT 1/2
*PWB2201
DUNTKC269UJ
(PWBXC269WJ)

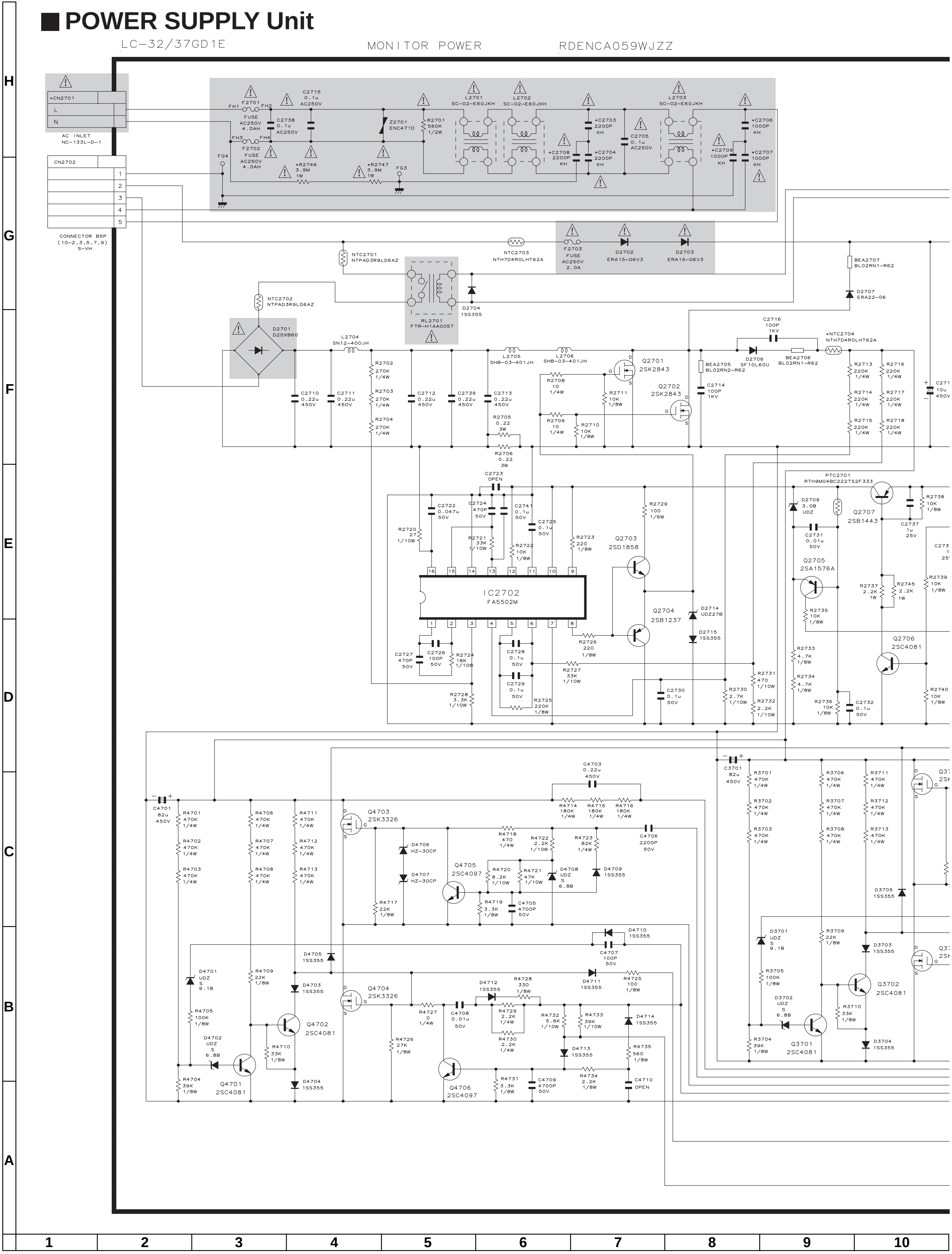

IC2208
M24C32WN
KEY E2P
R2248 4.7K
R2249 100
SDA
GND
IC2206
SII861
TMDS RECEIVER
IC2205
PST9228N
RESET
2.8V
FL2212 NA087WJ
FL2211 NA087WJ
FL2210 NA087WJ
FL2209 NA087WJ
FL2208 NA087WJ
FL2207 NA087WJ
FL2213 NA087WJ
FL2214 NA087WJ
FL2206 NA087WJ
FL2205 NA087WJ
FL2215 NA087WJ
FL2201 NA087WJ
FL2202 NA087WJ
FL2203 NA087WJ
FL2204 NA087WJ
R2256 68 KCD
R2257 68
R2258 68 CH
R2259 68 CJ
R2251 100
R2252 100
R2253 33
R2260 1K
R2262 1K
R2281 68
R2282 68 CH
R2283 68 CJ
R2284 68
R2285 68 CJ
R2286 68 CH
R2291 68 CJ
C2282 0.1u
C2259 82P CH
C2260 82P CH
C2243 330P CH
C2281 0.1u
C2245 330P CH
C2247 82P CH
C2280 0.1u
C2279 0.1u
C2252 82P
C2248 330P CH
C2278 0.1u
C2249 82P CH
C2250 330P CH
C2251 82P CH
C2277 0.1u
C2261 82P CH
C2262 330P CH
C2275 0.1u
C2242 330P CH
C2244 82P CH
C2276 0.1u
C2237 470P CH
FB2211 A005WJ
FB2218 A005WJ
PNLCLK
BOMS1
BOMS0
HSYNC
VSYNC
DE
J2201 DA016WJ
LUG2201 HA006WJ
LUG2202 HA006WJ
LUG2203 HA006WJ
LUG2204 HA006WJ
P2201 NA043WJ
SO
TO MOTORCONT
1 RCH(+)EX
2 RCH(−)EX
3 LCH(−)EX
4 LCH(+)EX
TO LVDS
REMS0 REMS1 REMS2 REMS3 REMS4 REMS5 REMS6 REMS7
GEMS0 GEMS1 GEMS2 GEMS3 GEMS4 GEMS5 GEMS6 GEMS7
BEMS0 BEMS1 BEMS2 BEMS3 BEMS4 BEMS5 BEMS6 BEMS7
ROMS0 ROMS1 ROMS2 ROMS3 ROMS4 ROMS5 ROMS6 ROMS7
GOMS0 GOMS1 GOMS2 GOMS3 GOMS4 GOMS5 GOMS6 GOMS7
BOMS0 BOMS1 BOMS2 BOMS3 BOMS4 BOMS5 BOMS6 BOMS7
N_RST_PL
D3.3V
D5V
D2.5V
BU5V
DVCC GND ODCK_D OGND NC QO1 QO0 HSYNC VSYNC DE OGND ODCK OVCC CTL3/IDE CTL2/IHS CTL1/IVS GND DVCC QE23 QE22 QE21 QE20 QE19 QE18 QE17 QE16 OVCC OGND GND DVCC QE15 QE14 NC NC ADE OGND NC NC NC OGND PCLK PVS PHS PDE PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7
GND DDC_SCL DDC_SDA KEY_SCL KEY_SDA GND DVCC NC QO22 QO21 QO20 QO19 QO18 QO17 QO16 GND DVCC OGND OVCC NC NC QO15 QO14 QO13 QO12 QO11 QO10 QO9 QO8 OGND OVCC QO7 QO6 QO5 QO4 QO3 QO2 NC NC GND DVCC TMDS_SEL BUT1− BUT1+ BUT0− BUT0+ PWM0 PWM1 TPCLK
PD STDBY/PWM0 SUSPD/Q_RNG ON_OFF/L_SYNC TSTMD TSTEN GND DVCC OGND NC NC QE0 QE1 QE2 QE3 QE4 QE5 QE6 QE7 OVCC OGND GND DVCC QE8 QE9 QE10 QE11 QE12 QE13 NC NC PD23 PD22 PD21 PD20 PD19 PD18 PD17 PD16 PD15 PD14 PD13 PD12 PD11 PD10 PD9 PD8
D2.5V
BU5V
10 11 12 13 14 15 16 17 18 19

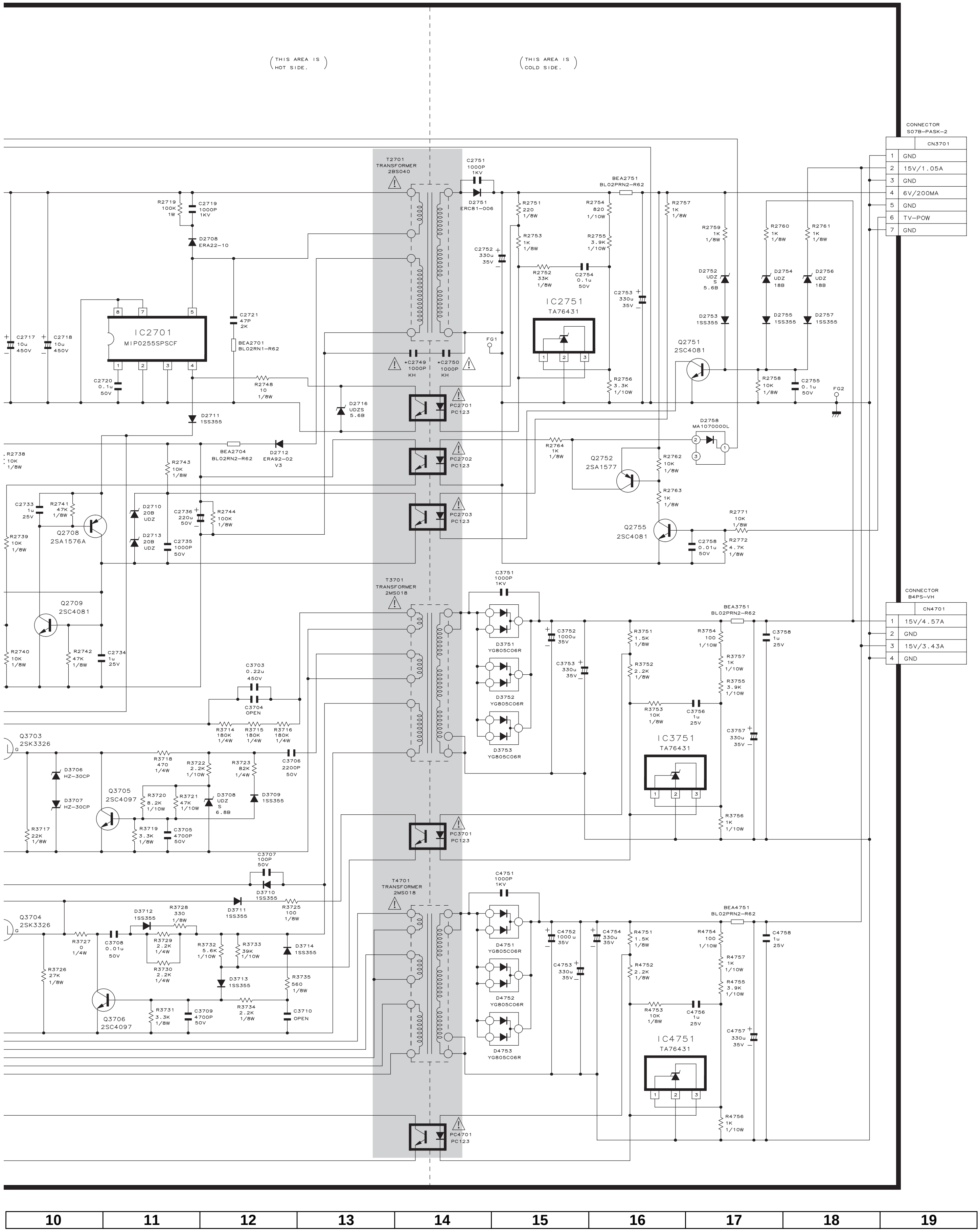
■ TMDS RX Unif-2/2


TMDS RX 2 (LVDS TX)
TO TMDS RX (TMDS)
BU5V
D2.5V
D3.3V
D5V
REMS0
REMS1
REMS2
REMS3
REMS4
REMS5
REMS6
REMS7
GEMS0
GEMS1
GEMS2
GEMS3
GEMS4
GEMS5
GEMS6
GEMS7
BEMS0
BEMS1
BEMS2
BEMS3
BEMS4
BEMS5
BEMS6
BEMS7
ROMS0
ROMS1
ROMS2
ROMS3
ROMS4
ROMS5
ROMS6
ROMS7
GOMS0
GOMS1
GOMS2
GOMS3
GOMS4
GOMS5
GOMS6
GOMS7
BOMS0
BOMS1
BOMS2
BOMS3
BOMS4
BOMS5
BOMS6
BOMS7
N_RST_PL
HSYNC
VSYNC
DE
PNLCLK
C2309
0.01u K
50V
C2308
0.01u K
50V
IC2302
TLVD823
LVDS TRANSMITTER
D2301
1SS355
VOLTAGE
REGULATOR
IC2301
PQ1R33
C2301
47u
16V
ASX
C2302
47u
16V
ASX
C2303
0.1u Z
25V
C2304
47u
16V
ASX
C2305
0.1u Z
25V
FB2302
0060TA
C2306
0.1u Z
25V
C2307
0.01u K
50V
R2315
47K
R2314
47K
R2317
47K
5.0
3.3
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10


BU5V
D2.5V
D3.3V
D5V
15V
IC7801
PQ1CZ21H
VOLTAGE REGULATORS
D2.5V
R7803
100
L7801
150uH
P0302TA
R7808
0
C7801
220u
25V
ASY
R7801
1K F
R7804
1K F
C7805
470u
16V
ASY
C7807
0.1u Z
25V
D7801
SFPB54
C7803
680P
CH
FB7801
0252TA
IC7802
PQ1CZ21H
VOLTAGE REGULATORS
D3.3V
R7805
100
L7803
220uH
P0303TA
L7804
10uH
P0343TA
R7806
3.3K F
C7806
470u
16V
ASY
C7802
220u
25V
ASY
R7802
1K F
R7807
3.3K F
D7802
SFPB54
C7804
680P
CH
FB7802
0252TA
P7801
NA046WJ
PV
TO POWER
1 GND
2 15V
3 GND
4 6V
5 GND
6 TV-POW
7 GND
P7802
NA047WJ
TV
TO LCD CONT
8 GND
7 D5V
6 BU5V
5 TV-POW2
4 15V
3 GND
2 TV-POW
1 6V
GEMS2
GEMS1
GEMS0
GEMS7
GEMS6
REMS5
REMS4
REMS3
REMS2
C2310
0.01uK
50V
REMS1
REMS0
REMS7
REMS6
IC2302
TLVD823
LVDS TRANSMITTER
C2312
0.01uK
50V
C2315
0.01uK
50V
C2316
0.1u
25V Z
FB2306
0060TA
C2317
0.1u Z
25V
C2314
0.01u K
50V
FB2305
0060TA
FB2303
0060TA
FB2304
0060TA
C2311
0.1u Z
25V
C2313
0.1u Z
25V
R2315
47K
R2318
47K
R2317
47K
R2314
47K
SC2301
N0491FJ
LV
TO LCD CONT
1 GND
2 GND
3 TA1-
4 TA1+
5 GND
6 TB1-
7 TB1+
8 GND
9 TC1-
10 TC1+
11 GND
12 TCLK1-
13 TCLK1+
14 GND
15 TD1-
16 TD1+
17 GND
18 TA2-
19 TA2+
20 GND
21 TB2-
22 TB2+
23 GND
24 TC2-
25 TC2+
26 GND
27 TCLK2-
28 TCLK2+
29 GND
30 TD2-
31 TD2+
32 GND
33 GND
TMDS-RX UNIT 2/2
DUNTKC269UJ
(PWBXC269WJ)

■ POWER SUPPLY Unit


LC-32/37GD1E
MONITOR POWER
RDENCA059WJZZ
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
∗CN2701
L
N
AC INLET
NC-133L-D-1
CN2702
CONNECTOR B5P
(10-2,3,5,7,9)
S-VH
F2701 FUSE AC250V 4.0AH
F2702 FUSE AC250V 4.0AH
FH1
FH2
FH3
FH4
FG4
FG3
C2715 0.1u AC250V
C2738 0.1u AC250V
∗R2746 3.9M 1W
∗R2747 3.9M 1W
Z2701 ENC471D
R2701 560K 1/2W
L2701 SC-02-E60JKH
L2702 SC-02-E60JKH
L2703 SC-02-E60JKH
∗C2708 2200P KH
∗C2703 2200P KH
∗C2704 2200P KH
C2705 0.1u AC250V
∗C2709 1000P KH
∗C2706 1000P KH
∗C2707 1000P KH
NTC2701 NTPAD3R9LD6AZ
NTC2702 NTPAD3R9LD6AZ
NTC2703 NTH7D4R0LHT62A
F2703 FUSE AC250V 2.0A
D2702 ERA15-06V3
D2703 ERA15-06V3
BEA2707 BL02RN1-R62
D2707 ERA22-06
RL2701 FTR-H1AA005T
D2704 1SS355
D2701 D25XB60
L2704 SN12-400JH
C2716 100P 1KV
∗NTC2704 NTH7D4R0LHT62A
L2705 SHB-03-401JH
L2706 SHB-03-401JH
Q2701 2SK2843
Q2702 2SK2843
D2706 SF10L60U
BEA2705 BL02RN2-R62
BEA2706 BL02RN1-R62
C2714 100P 1KV
R2702 270K 1/4W
R2703 270K 1/4W
R2704 270K 1/4W
C2710 0.22u 450V
C2711 0.22u 450V
C2712 0.22u 450V
C2739 0.22u 450V
C2713 0.22u 450V
R2705 0.22 3W
R2706 0.22 3W
R2708 10 1/4W
R2709 10 1/4W
R2711 10K 1/8W
R2710 10K 1/8W
R2713 220K 1/4W
R2714 220K 1/4W
R2715 220K 1/4W
R2716 220K 1/4W
R2717 220K 1/4W
R2718 220K 1/4W
C271 10u 450V
C2723 OPEN
PTC2701 RTH9M04BC222TS2F333
C2722 0.047u 50V
C2724 470P 50V
C2741 0.1u 50V
C2725 0.1u 50V
R2720 27 1/10W
R2721 33K 1/10W
R2722 10K 1/8W
R2723 220 1/8W
R2729 100 1/6W
Q2703 2SD1858
Q2704 2SB1237
D2709 3.0B UDZ
Q2707 2SB1443
R2738 10K 1/8W
C2737 1u 25V
C2731 0.01u 50V
Q2705 2SA1576A
IC2702
FA5502M
16 15 14 13 12 11 10 9
1 2 3 4 5 6 7 8
D2714 UDZ27B
D2715 1SS355
R2737 2.2K 1W
R2745 2.2K 1W
R2739 10K 1/8W
R2735 10K 1/8W
Q2706 2SC4081
C2727 470P 50V
C2726 100P 50V
R2724 18K 1/10W
C2728 0.1u 50V
C2729 0.1u 50V
R2726 220 1/8W
R2727 33K 1/10W
R2728 3.3K 1/10W
R2725 220K 1/8W
C2730 0.1u 50V
R2730 2.7K 1/10W
R2731 470 1/10W
R2732 2.2K 1/10W
R2733 4.7K 1/8W
R2734 4.7K 1/8W
R2736 10K 1/8W
C2732 0.1u 50V
R2740 10K 1/8W
C3701 82u 450V
R3701 470K 1/4W
R3702 470K 1/4W
R3703 470K 1/4W
R3706 470K 1/4W
R3707 470K 1/4W
R3708 470K 1/4W
R3711 470K 1/4W
R3712 470K 1/4W
R3713 470K 1/4W
Q37
2SK
C4703 0.22u 450V
C4701 82u 450V
R4701 470K 1/4W
R4702 470K 1/4W
R4703 470K 1/4W
R4706 470K 1/4W
R4707 470K 1/4W
R4708 470K 1/4W
R4711 470K 1/4W
R4712 470K 1/4W
R4713 470K 1/4W
Q4703 2SK3326
R4714 180K 1/4W
R4715 180K 1/4W
R4716 180K 1/4W
R4718 470 1/4W
R4722 2.2K 1/10W
R4723 82K 1/4W
C4706 2200P 50V
D4706 HZ-30CP
D4707 HZ-30CP
Q4705 2SC4097
R4720 8.2K 1/10W
R4721 47K 1/10W
D4708 UDZ S 6.8B
D4709 1SS355
R4717 22K 1/8W
R4719 3.3K 1/8W
C4705 4700P 50V
D3705 1SS355
D4710 1SS355
C4707 100P 50V
D3701 UDZ S 9.1B
R3709 22K 1/8W
D3703 1SS355
D4705 1SS355
D4701 UDZ S 9.1B
R4709 22K 1/8W
D4703 1SS355
Q4704 2SK3326
R4728 330 1/8W
D4712 1SS355
D4711 1SS355
R4725 100 1/8W
R3705 100K 1/8W
Q3702 2SC4081
R4705 100K 1/8W
Q4702 2SC4081
R4727 0 1/4W
C4708 0.01u 50V
R4729 2.2K 1/4W
R4730 2.2K 1/4W
R4732 5.6K 1/10W
R4733 39K 1/10W
D4714 1SS355
D3702 UDZ S 6.8B
R3710 33K 1/8W
D4702 UDZ S 6.8B
R4710 33K 1/8W
R4726 27K 1/8W
D4713 1SS355
R4735 560 1/8W
R3704 39K 1/8W
Q3701 2SC4081
D3704 1SS355
Q4701 2SC4081
R4704 39K 1/8W
D4704 1SS355
Q4706 2SC4097
R4731 3.3K 1/8W
C4709 4700P 50V
R4734 2.2K 1/8W
C4710 OPEN


THIS AREA IS HOT SIDE.
THIS AREA IS COLD SIDE.
CONNECTOR S07B-PASK-2
CN3701
1 GND
2 15V/1.05A
3 GND
4 6V/200MA
5 GND
6 TV-POW
7 GND
T2701 TRANSFORMER 2BS040
C2751 1000P 1KV
D2751 ERC81-006
BEA2751 BL02PRN2-R62
R2719 100K 1W
C2719 1000P 1KV
D2708 ERA22-10
R2751 220 1/8W
R2753 1K 1/8W
R2754 820 1/10W
R2755 3.9K 1/10W
R2757 1K 1/8W
R2759 1K 1/8W
R2760 1K 1/8W
R2761 1K 1/8W
C2752 330u 35V
R2752 33K 1/8W
C2754 0.1u 50V
C2753 330u 35V
D2752 UDZ S 5.6B
D2754 UDZ 18B
D2756 UDZ 18B
IC2751 TA76431
D2753 1SS355
D2755 1SS355
D2757 1SS355
C2721 47P 2K
IC2701 MIP0255SPSCF
C2717 10u 450V
C2718 10u 450V
BEA2701 BL02RN1-R62
∗C2749 1000P KH
∗C2750 1000P KH
FG1
Q2751 2SC4081
C2720 0.1u 50V
R2748 10 1/8W
R2756 3.3K 1/10W
R2758 10K 1/8W
C2755 0.1u 50V
FG2
D2716 UDZS 5.6B
PC2701 PC123
D2711 1SS355
D2758 MA1070000L
R2738 10K 1/8W
BEA2704 BL02RN2-R62
D2712 ERA92-02 V3
PC2702 PC123
R2764 1K 1/8W
Q2752 2SA1577
R2762 10K 1/8W
R2743 10K 1/8W
R2763 1K 1/8W
C2733 1u 25V
R2741 47K 1/8W
Q2708 2SA1576A
D2710 20B UDZ
C2736 220u 50V
R2744 100K 1/8W
PC2703 PC123
R2771 10K 1/8W
Q2755 2SC4081
R2739 10K 1/8W
D2713 20B UDZ
C2735 1000P 50V
C2758 0.01u 50V
R2772 4.7K 1/8W
T3701 TRANSFORMER 2MS018
C3751 1000P 1KV
CONNECTOR B4PS-VH
CN4701
1 15V/4.57A
2 GND
3 15V/3.43A
4 GND
BEA3751 BL02PRN2-R62
Q2709 2SC4081
C3752 1000u 35V
R3751 1.5K 1/8W
R3754 100 1/10W
C3758 1u 25V
D3751 YG805C06R
R2740 10K 1/8W
R2742 47K 1/8W
C2734 1u 25V
C3753 330u 35V
R3752 2.2K 1/8W
R3757 1K 1/10W
R3755 3.9K 1/10W
C3703 0.22u 450V
D3752 YG805C06R
C3704 OPEN
R3753 10K 1/8W
C3756 1u 25V
R3714 180K 1/4W
R3715 180K 1/4W
R3716 180K 1/4W
Q3703 2SK3326
IC3751 TA76431
C3757 330u 35V
D3753 YG805C06R
R3718 470 1/4W
R3722 2.2K 1/10W
R3723 82K 1/4W
C3706 2200P 50V
D3706 HZ-30CP
Q3705 2SC4097
R3720 8.2K 1/10W
R3721 47K 1/10W
D3708 UDZ S 6.8B
D3709 1SS355
D3707 HZ-30CP
R3756 1K 1/10W
R3717 22K 1/8W
R3719 3.3K 1/8W
C3705 4700P 50V
PC3701 PC123
C3707 100P 50V
D3710 1SS355
T4701 TRANSFORMER 2MS018
C4751 1000P 1KV
D3712 1SS355
R3728 330 1/8W
D3711 1SS355
R3725 100 1/8W
BEA4751 BL02PRN2-R62
Q3704 2SK3326
R3727 0 1/4W
C3708 0.01u 50V
R3729 2.2K 1/4W
R3732 5.6K 1/10W
R3733 39K 1/10W
D3714 1SS355
C4752 1000u 35V
C4754 330u 35V
R4751 1.5K 1/8W
R4754 100 1/10W
C4758 1u 25V
D4751 YG805C06R
R3730 2.2K 1/4W
R3726 27K 1/8W
D3713 1SS355
R3735 560 1/8W
C4753 330u 35V
R4752 2.2K 1/8W
R4757 1K 1/10W
R4755 3.9K 1/10W
D4752 YG805C06R
R3731 3.3K 1/8W
C3709 4700P 50V
R3734 2.2K 1/8W
C3710 OPEN
R4753 10K 1/8W
C4756 1u 25V
Q3706 2SC4097
C4757 330u 35V
IC4751 TA76431
D4753 YG805C06R
R4756 1K 1/10W
PC4701 PC123
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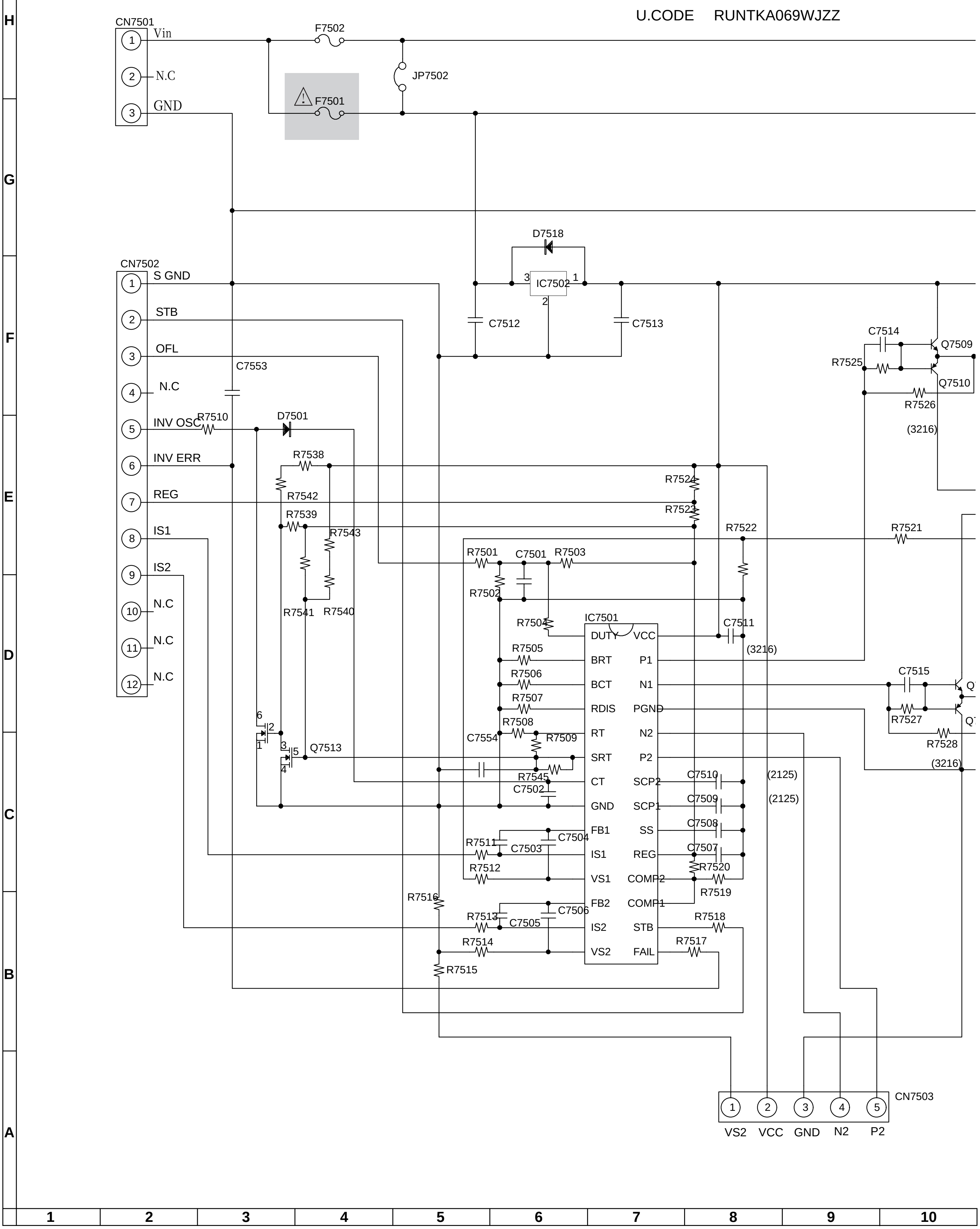
■ INVERTER-A Unit (LC-32GD1E)


U.CODE RUNTKA069WJZZ
CN7501
1 Vin
2 N.C
3 GND
F7502
JP7502
F7501
CN7502
1 S GND
2 STB
3 OFL
4 N.C
5 INV OSC
6 INV ERR
7 REG
8 IS1
9 IS2
10 N.C
11 N.C
12 N.C
C7553
R7510
D7501
D7518
IC7502
C7512
C7513
C7514
Q7509
Q7510
R7525
R7526
(3216)
R7538
R7542
R7539
R7543
R7541
R7540
R7524
R7523
R7522
R7521
R7501
C7501
R7503
R7502
R7504
IC7501
DUTY
VCC
BRT
P1
BCT
N1
RDIS
PGND
RT
N2
SRT
P2
CT
SCP2
GND
SCP1
FB1
SS
IS1
REG
VS1
COMP2
FB2
COMP1
IS2
STB
VS2
FAIL
C7511
(3216)
R7505
R7506
R7507
R7508
R7509
C7554
R7545
C7502
Q7513
C7515
R7527
R7528
(3216)
C7510
(2125)
C7509
(2125)
C7508
C7507
R7520
R7519
R7511
C7504
C7503
R7512
R7516
R7513
C7506
C7505
R7514
R7515
R7518
R7517
CN7503
1 VS2
2 VCC
3 GND
4 N2
5 P2
H
G
F
E
D
C
B
A
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4
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6
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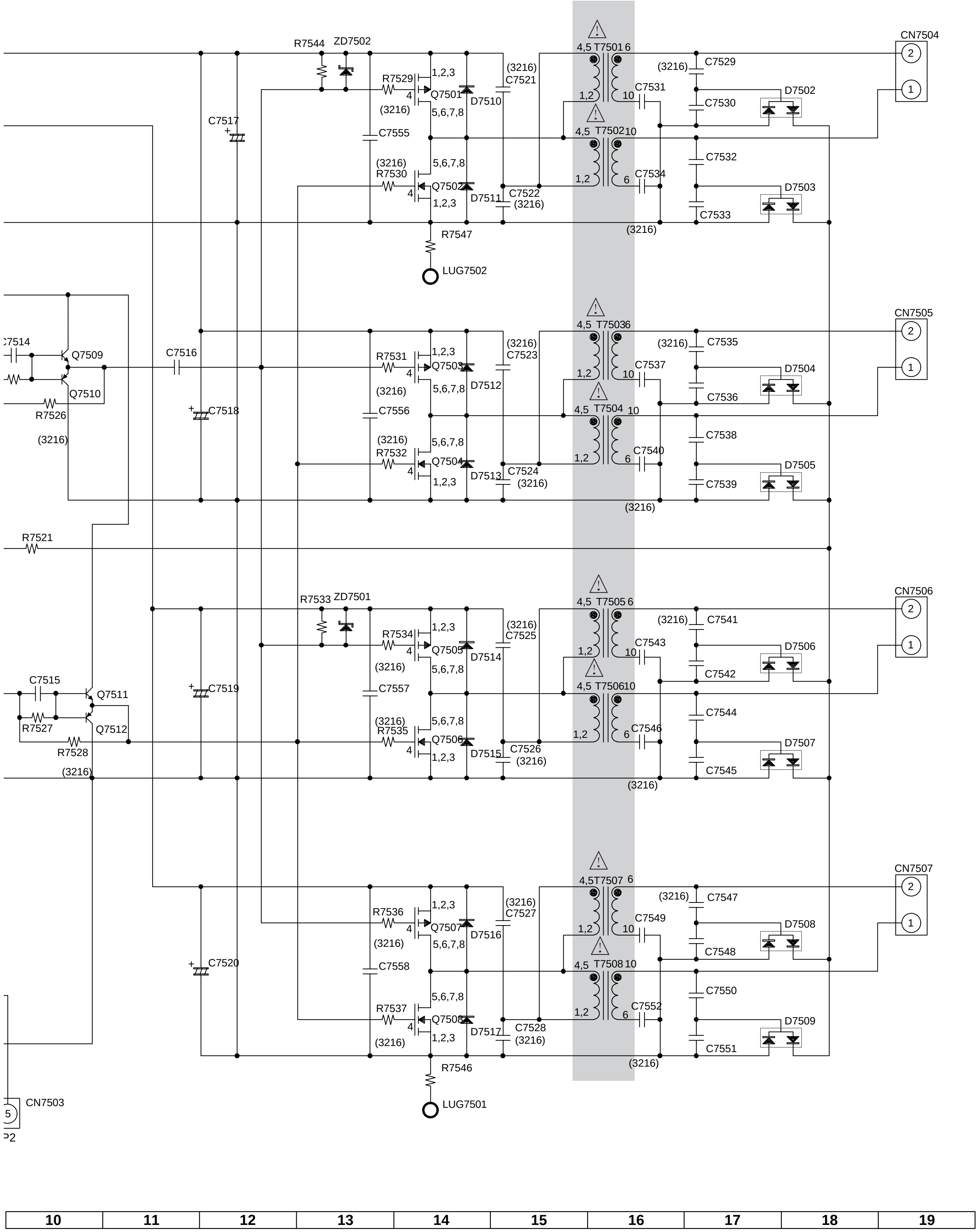
R7544
ZD7502
R7529
Q7501
1,2,3
4
5,6,7,8
(3216)
D7510
C7521
C7555
C7517
R7530
Q7502
D7511
C7522
R7547
LUG7502
T7501
4,5
6
1,2
10
T7502
C7529
C7530
C7531
C7532
C7533
C7534
D7502
D7503
CN7504
C7514
Q7509
Q7510
R7526
C7516
C7518
R7531
Q7503
D7512
C7523
C7556
R7532
Q7504
D7513
C7524
T7503
T7504
C7535
C7536
C7537
C7538
C7539
C7540
D7504
D7505
CN7505
R7521
R7533
ZD7501
R7534
Q7505
D7514
C7525
C7557
C7515
Q7511
R7527
Q7512
R7528
C7519
R7535
Q7506
D7515
C7526
T7505
T7506
C7541
C7542
C7543
C7544
C7545
C7546
D7506
D7507
CN7506
R7536
Q7507
D7516
C7527
C7558
C7520
R7537
Q7508
D7517
C7528
R7546
LUG7501
T7507
T7508
C7547
C7548
C7549
C7550
C7551
C7552
D7508
D7509
CN7507
CN7503
5
P2
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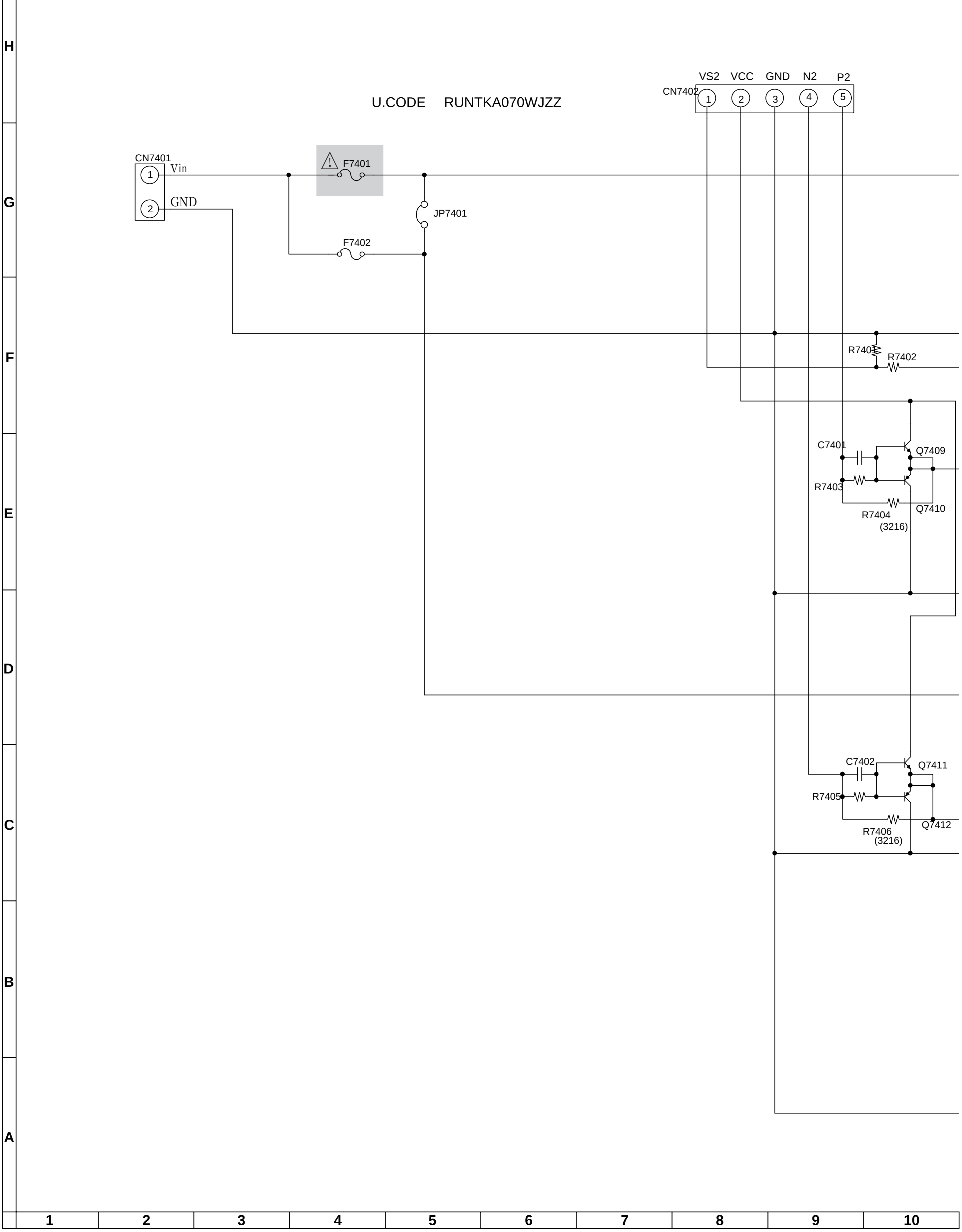
■ INVERTER-B Unit (LC-32GD1E)


U.CODE RUNTKA070WJZZ
CN7402
VS2
VCC
GND
N2
P2
1
2
3
4
5
CN7401
1
Vin
2
GND
F7401
JP7401
F7402
R7401
R7402
C7401
Q7409
R7403
R7404
(3216)
Q7410
C7402
Q7411
R7405
R7406
(3216)
Q7412
H
G
F
E
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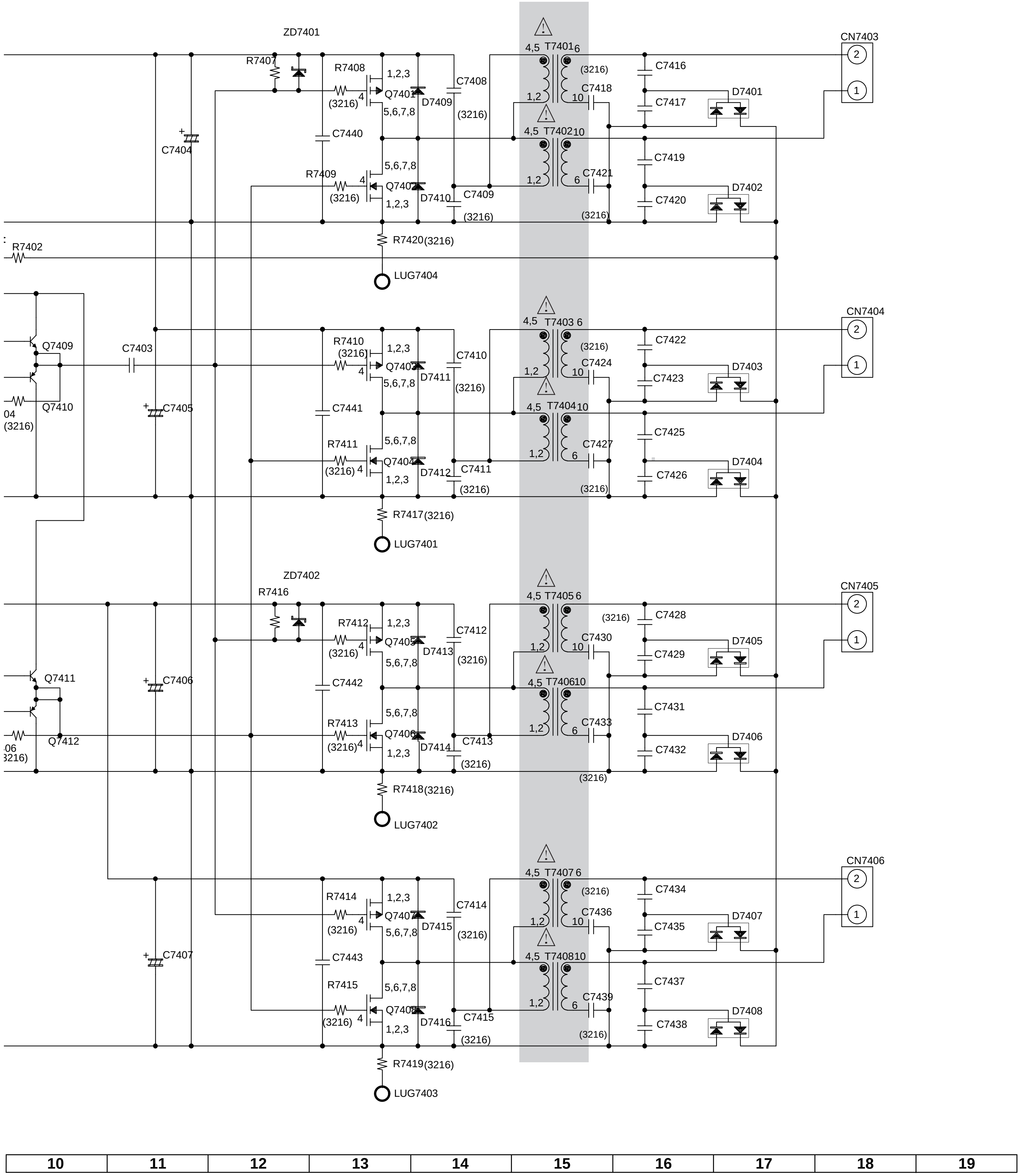
ZD7401
R7407
R7408
1,2,3
Q7401
4
(3216)
D7409
5,6,7,8
C7408
(3216)
C7440
C7404
R7409
5,6,7,8
Q7402
4
(3216)
D7410
1,2,3
C7409
(3216)
R7420(3216)
LUG7404
R7402
4,5 T7401 6
(3216)
C7418
1,2
10
4,5 T7402 10
C7421
1,2
6
(3216)
C7416
C7417
C7419
C7420
D7401
D7402
CN7403
2
1
Q7409
Q7410
04
(3216)
C7403
C7405
R7410
(3216)
1,2,3
Q7403
4
D7411
5,6,7,8
C7410
(3216)
C7441
R7411
5,6,7,8
Q7404
(3216)
4
D7412
1,2,3
C7411
(3216)
R7417(3216)
LUG7401
4,5 T7403 6
(3216)
C7424
1,2
10
4,5 T7404 10
C7427
1,2
6
(3216)
C7422
C7423
C7425
C7426
D7403
D7404
CN7404
2
1
ZD7402
R7416
R7412
1,2,3
Q7405
4
(3216)
D7413
5,6,7,8
C7412
(3216)
C7442
C7406
Q7411
Q7412
R7413
5,6,7,8
Q7406
(3216)
4
D7414
1,2,3
C7413
(3216)
06
3216)
R7418(3216)
LUG7402
4,5 T7405 6
(3216)
C7430
1,2
10
4,5 T7406 10
C7433
1,2
6
(3216)
C7428
C7429
C7431
C7432
D7405
D7406
CN7405
2
1
R7414
1,2,3
Q7407
4
(3216)
D7415
5,6,7,8
C7414
(3216)
C7443
C7407
R7415
5,6,7,8
Q7408
(3216)
4
D7416
1,2,3
C7415
(3216)
R7419(3216)
LUG7403
4,5 T7407 6
(3216)
C7436
1,2
10
4,5 T7408 10
C7439
1,2
6
(3216)
C7434
C7435
C7437
C7438
D7407
D7408
CN7406
2
1
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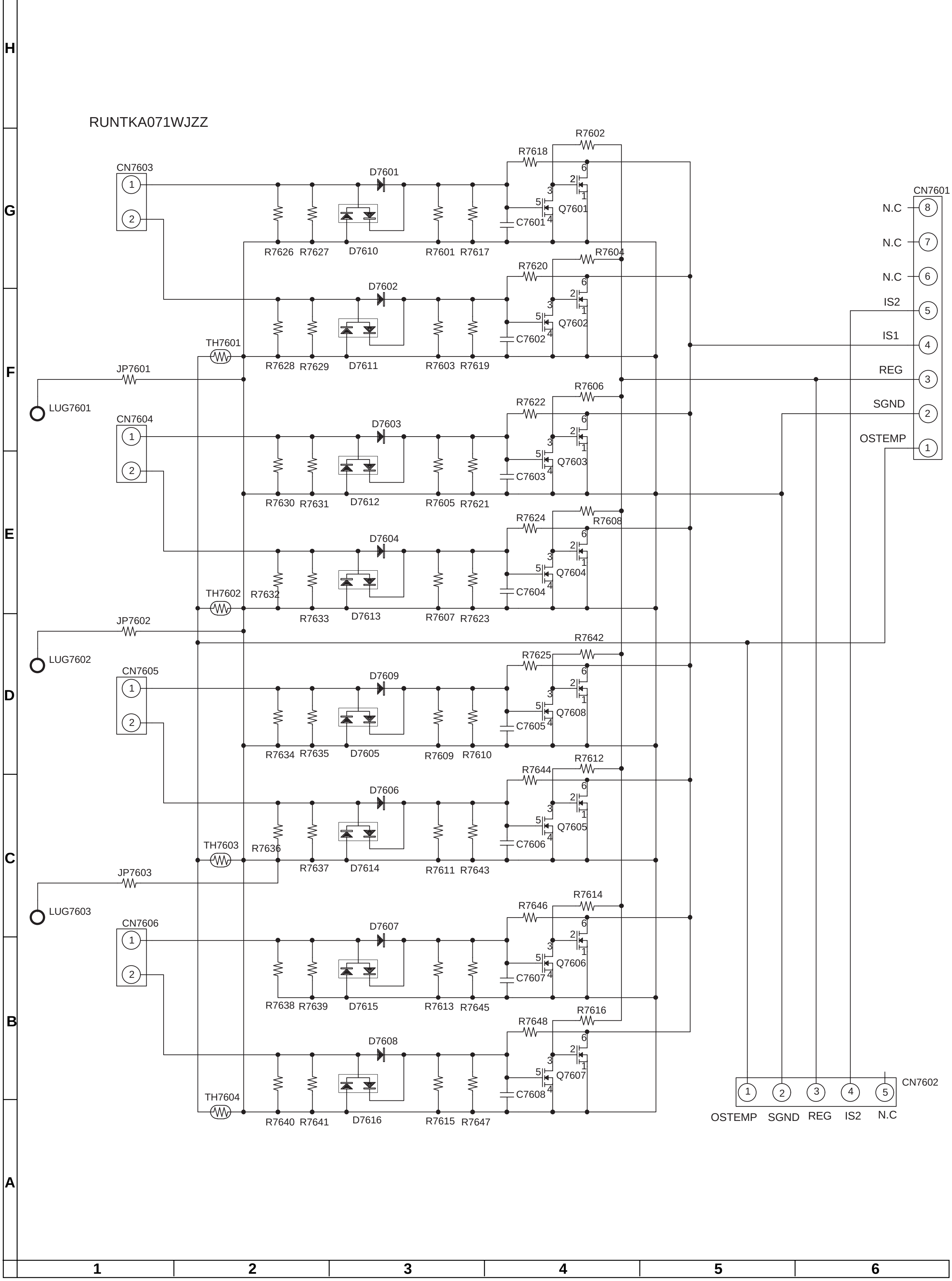
■ INVERTER-A GND Unit (LC-32GD1E)


H
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RUNTKA071WJZZ
CN7603
CN7604
CN7605
CN7606
CN7601
CN7602
LUG7601
LUG7602
LUG7603
JP7601
JP7602
JP7603
TH7601
TH7602
TH7603
TH7604
D7601
D7602
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D7605
D7606
D7607
D7608
D7609
D7610
D7611
D7612
D7613
D7614
D7615
D7616
Q7601
Q7602
Q7603
Q7604
Q7605
Q7606
Q7607
Q7608
C7601
C7602
C7603
C7604
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C7606
C7607
C7608
R7601
R7602
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R7613
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R7624
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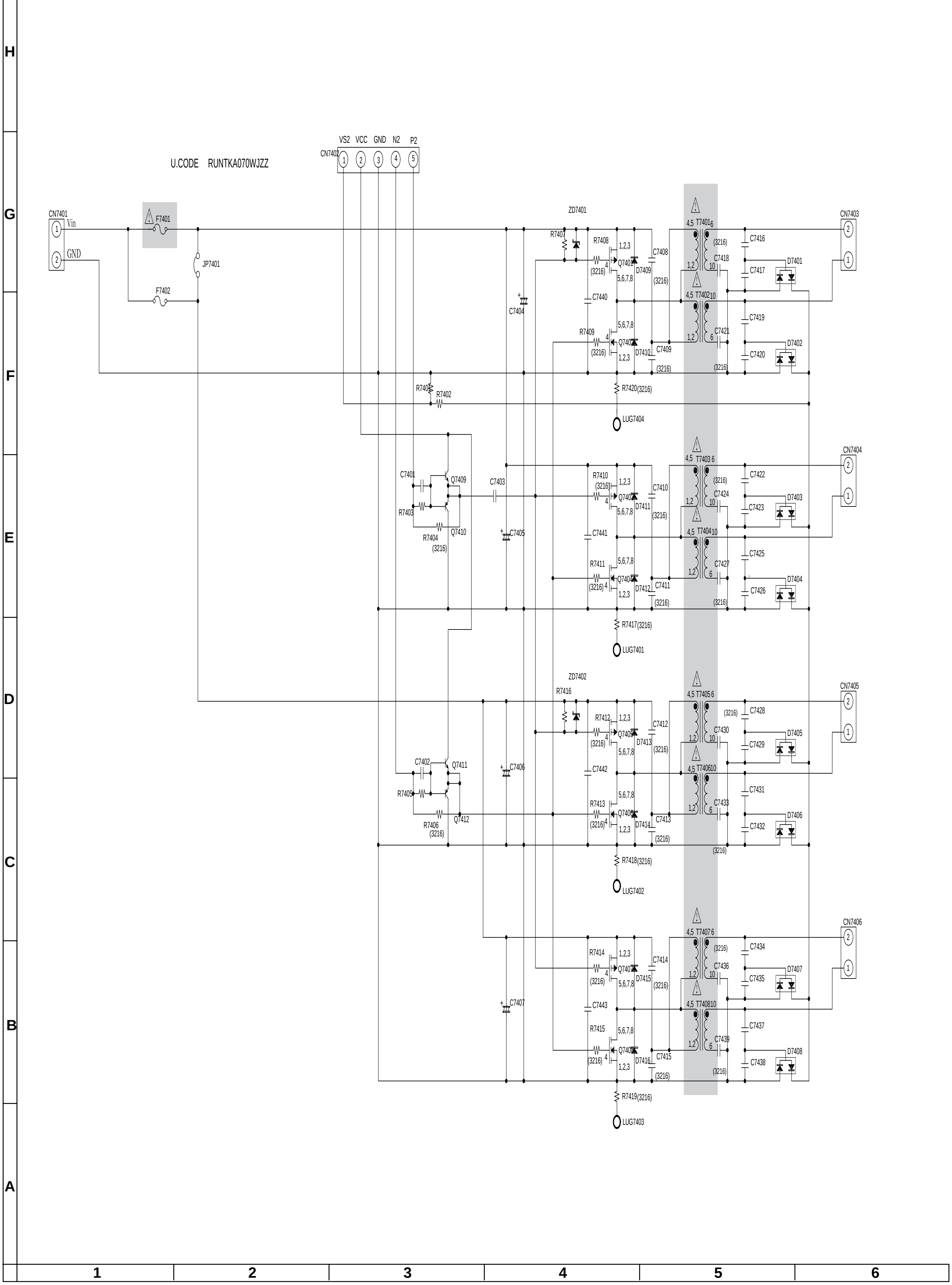
R7634
R7635
R7636
R7637
R7638
R7639
R7640
R7641
R7642
R7643
R7644
R7645
R7646
R7647
R7648
N.C
N.C
N.C
IS2
IS1
REG
SGND
OSTEMP
OSTEMP
SGND
REG
IS2
N.C

■ INVERTER-B GND Unit (LC-32GD1E)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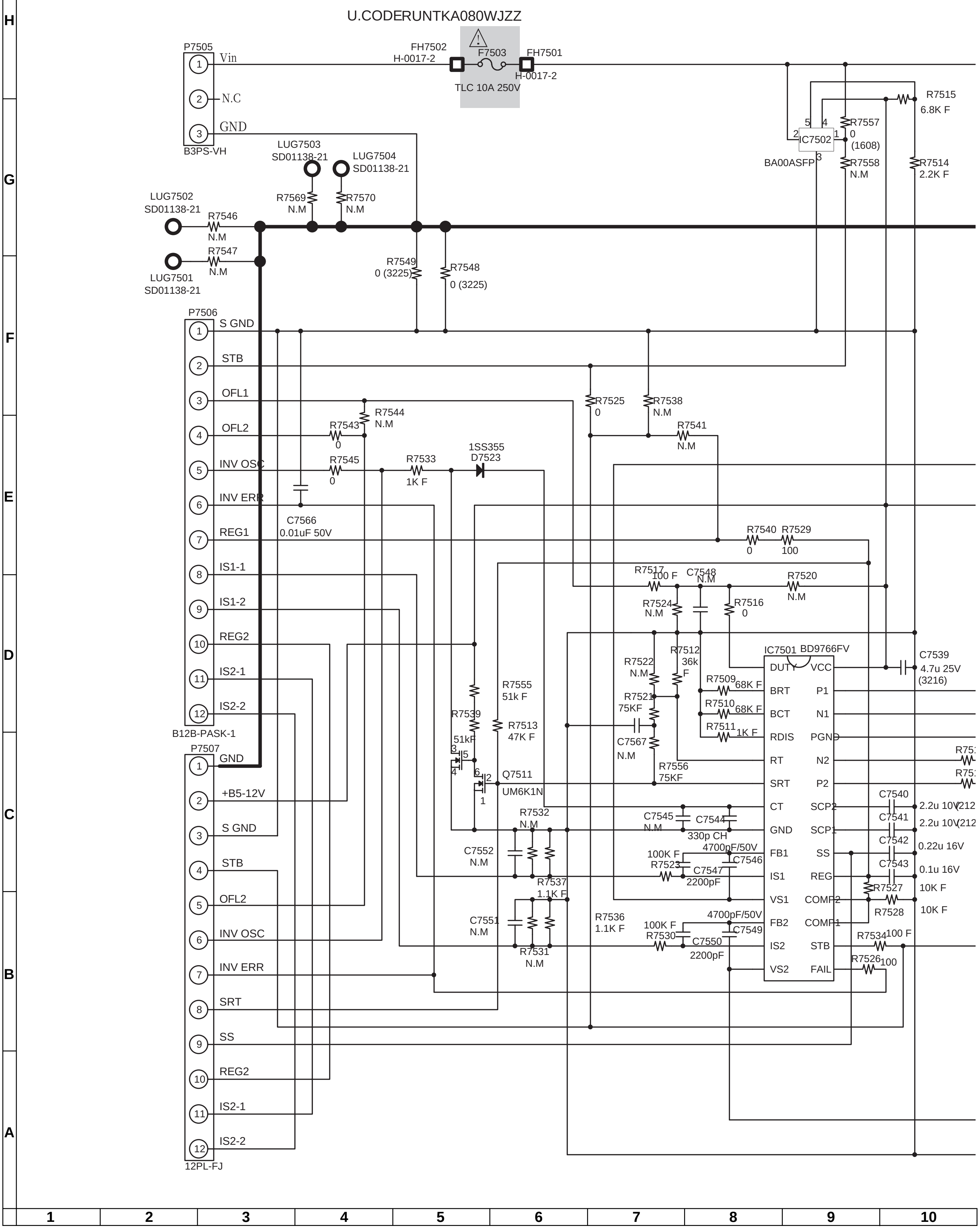
CN7401
Vin
GND
F7401
F7402
JP7401
CN7402
VS2
VCC
GND
N2
P2
ZD7401
ZD7402
R7401
R7402
R7403
R7404
R7405
R7406
R7407
R7408
R7409
R7410
R7411
R7412
R7413
R7414
R7415
R7416
R7417(3216)
R7418(3216)
R7419(3216)
R7420(3216)
(3216)
C7401
C7402
C7403
C7404
C7405
C7406
C7407
C7408
C7409
C7410
C7411
C7412
C7413
C7414
C7415
C7416
C7417
C7418
C7419
C7420
C7421
C7422
C7423
C7424
C7425
C7426
C7427
C7428
C7429
C7430
C7431
C7432
C7433
C7434
C7435
C7436
C7437
C7438
C7439
C7440
C7441
C7442
C7443
Q7401
Q7402
Q7403
Q7404
Q7405
Q7406
Q7407
Q7408
Q7409
Q7410
Q7411
Q7412
1,2,3
5,6,7,8
4
D7401
D7402
D7403
D7404
D7405
D7406
D7407
D7408
D7409
D7410
D7411
D7412
D7413
D7414
D7415
D7416
T7401
T7402
T7403
T7404
T7405
T7406
T7407
T7408
4,5
1,2
6
10
CN7403
CN7404
CN7405
CN7406
LUG7401
LUG7402
LUG7403
LUG7404
H
G
F
E
D
C
B
A
1
2
3
4
5
6

■ INVERTER-A Unit (LC-37GD1E)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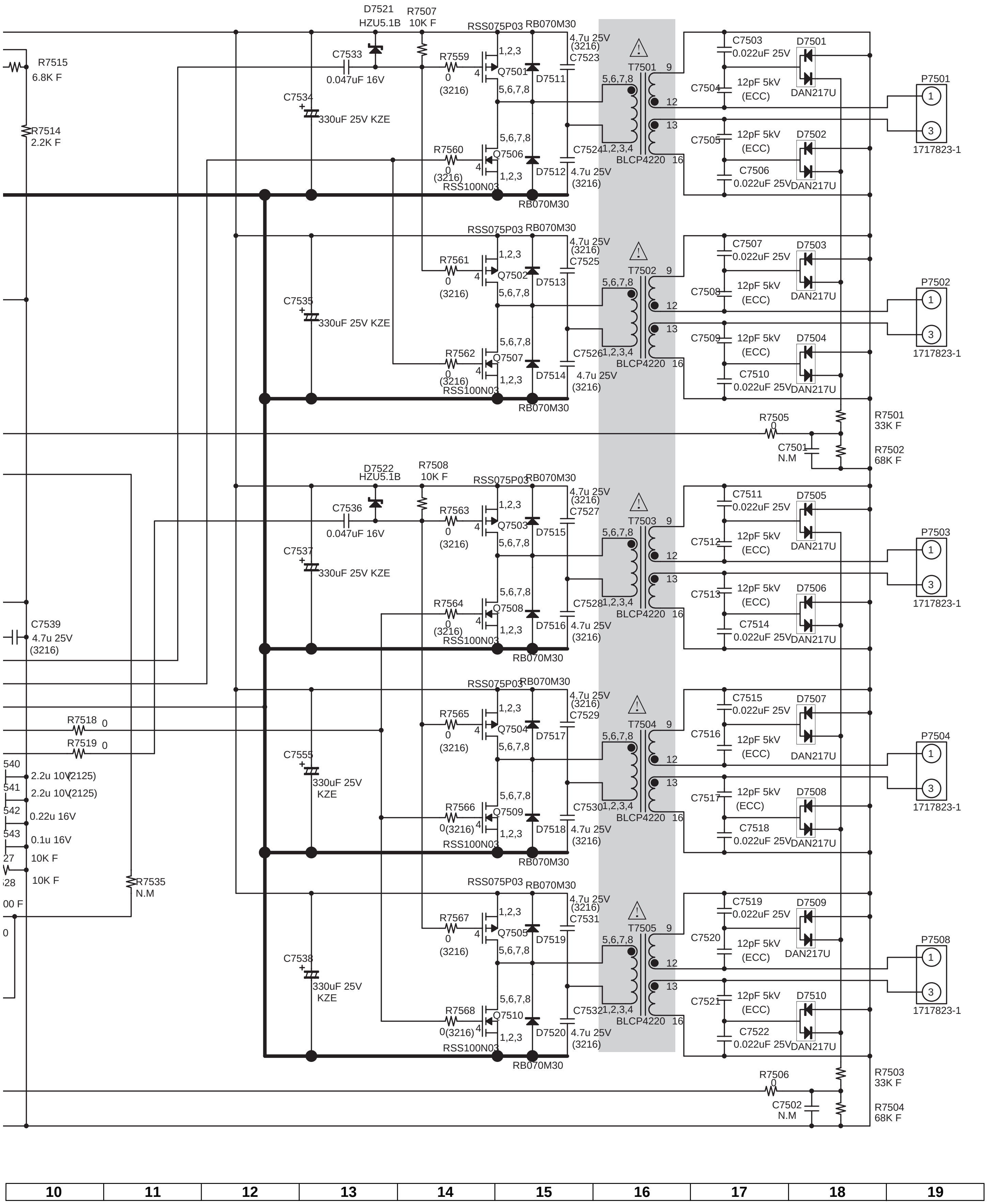
Vin
N.C
GND
B3PS-VH
FH7502
H-0017-2
F7503
FH7501
H-0017-2
TLC 10A 250V
R7515
6.8K F
R7557
0
(1608)
IC7502
BA00ASFP
R7558
N.M
R7514
2.2K F
LUG7503
SD01138-21
LUG7504
SD01138-21
LUG7502
SD01138-21
R7546
N.M
R7569
N.M
R7570
N.M
R7547
N.M
LUG7501
SD01138-21
R7549
0 (3225)
R7548
0 (3225)
P7506
S GND
STB
OFL1
OFL2
INV OSC
INV ERR
REG1
IS1-1
IS1-2
REG2
IS2-1
IS2-2
B12B-PASK-1
R7544
N.M
R7543
0
R7545
0
R7533
1K F
1SS355
D7523
C7566
0.01uF 50V
R7525
0
R7538
N.M
R7541
N.M
R7540
0
R7529
100
R7517
100 F
C7548
N.M
R7520
N.M
R7524
N.M
R7516
0
R7512
36k
F
R7522
N.M
R7521
75KF
C7567
N.M
R7556
75KF
R7509
68K F
R7510
68K F
R7511
1K F
IC7501
BD9766FV
DUTY
BRT
BCT
RDIS
RT
SRT
CT
GND
FB1
IS1
VS1
FB2
IS2
VS2
VCC
P1
N1
PGND
N2
P2
SCP2
SCP1
SS
REG
COMP2
COMP1
STB
FAIL
C7539
4.7u 25V
(3216)
R7555
51k F
R7539
51kF
R7513
47K F
Q7511
UM6K1N
R7532
N.M
C7545
N.M
C7544
330p CH
4700pF/50V
C7546
100K F
R7523
C7547
2200pF
C7552
N.M
R7537
1.1K F
R7536
1.1K F
C7551
N.M
100K F
R7530
4700pF/50V
C7549
C7550
2200pF
R7531
N.M
C7540
2.2u 10V
C7541
2.2u 10V
C7542
0.22u 16V
C7543
0.1u 16V
R7527
10K F
R7528
10K F
R7534
100 F
R7526
100
P7507
GND
+B5-12V
S GND
STB
OFL2
INV OSC
INV ERR
SRT
SS
REG2
IS2-1
IS2-2
12PL-FJ
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10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RSS075P03
RB070M30
R7515
6.8K F
C7533
0.047uF 16V
R7559
0
(3216)
1,2,3
4
Q7501
5,6,7,8
D7511
4.7u 25V
(3216)
C7523
T7501
9
12
13
16
5,6,7,8
1,2,3,4
BLCP4220
C7503
0.022uF 25V
D7501
C7504
12pF 5kV
(ECC)
DAN217U
P7501
1
3
1717823-1
C7534
330uF 25V KZE
R7514
2.2K F
R7560
Q7506
RSS100N03
D7512
C7524
C7505
D7502
C7506
0.022uF 25V
R7561
Q7502
D7513
C7525
T7502
C7507
D7503
C7508
P7502
C7535
R7562
Q7507
D7514
C7526
C7509
D7504
C7510
R7505
C7501
N.M
R7501
33K F
R7502
68K F
D7522
HZU5.1B
R7508
10K F
C7536
0.047uF 16V
R7563
Q7503
D7515
C7527
T7503
C7511
D7505
C7512
P7503
C7537
330uF 25V KZE
R7564
Q7508
D7516
C7528
C7513
D7506
C7514
C7539
4.7u 25V
(3216)
R7565
Q7504
D7517
C7529
T7504
C7515
D7507
C7516
P7504
R7518
0
R7519
0
540
2.2u 10V(2125)
541
2.2u 10V(2125)
542
0.22u 16V
543
0.1u 16V
27
10K F
528
10K F
00 F
0
C7555
330uF 25V
KZE
R7566
Q7509
D7518
C7530
C7517
D7508
C7518
R7535
N.M
R7567
Q7505
D7519
C7531
T7505
C7519
D7509
C7520
P7508
C7538
330uF 25V
KZE
R7568
Q7510
D7520
C7532
C7521
D7510
C7522
R7506
C7502
N.M
R7503
33K F
R7504
68K F
10
11
12
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14
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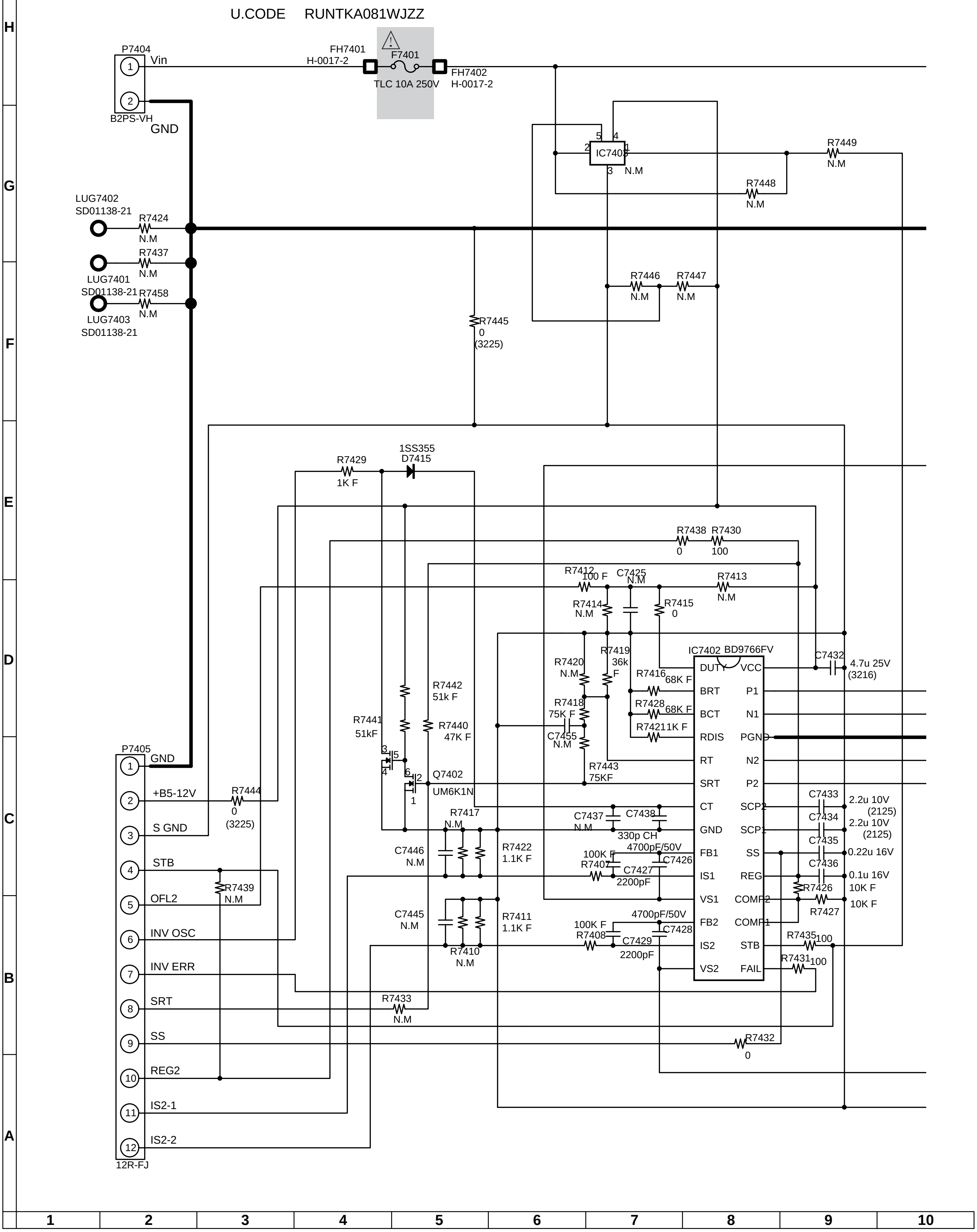
17
18
19

■ INVERTER-B Unit (LC-37GD1E)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GND
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H-0017-2
F7401
TLC 10A 250V
FH7402
H-0017-2
IC7403
N.M
R7449
N.M
R7448
N.M
LUG7402
SD01138-21
R7424
N.M
R7437
N.M
LUG7401
SD01138-21
R7458
N.M
LUG7403
SD01138-21
R7446
N.M
R7447
N.M
R7445
0
(3225)
1SS355
D7415
R7429
1K F
R7438
0
R7430
100
R7412
100 F
C7425
N.M
R7413
N.M
R7414
N.M
R7415
0
IC7402 BD9766FV
DUTY
BRT
BCT
RDIS
RT
SRT
CT
GND
FB1
IS1
VS1
FB2
IS2
VS2
VCC
P1
N1
PGND
N2
P2
SCP2
SCP1
SS
REG
COMP2
COMP1
STB
FAIL
C7432
4.7u 25V
(3216)
R7420
N.M
R7419
36k
F
R7416
68K F
R7428
68K F
R7418
75K F
R7421
1K F
C7455
N.M
R7443
75KF
R7442
51k F
R7441
51kF
R7440
47K F
Q7402
UM6K1N
P7405
GND
+B5-12V
S GND
STB
OFL2
INV OSC
INV ERR
SRT
SS
REG2
IS2-1
IS2-2
12R-FJ
R7444
0
(3225)
R7439
N.M
R7417
N.M
C7446
N.M
R7422
1.1K F
C7445
N.M
R7411
1.1K F
R7410
N.M
C7437
N.M
C7438
330p CH
4700pF/50V
C7426
100K F
R7407
C7427
2200pF
4700pF/50V
C7428
100K F
R7408
C7429
2200pF
C7433
2.2u 10V
(2125)
C7434
2.2u 10V
(2125)
C7435
0.22u 16V
C7436
0.1u 16V
R7426
10K F
R7427
10K F
R7435
100
R7431
100
R7433
N.M
R7432
0
H
G
F
E
D
C
B
A
1
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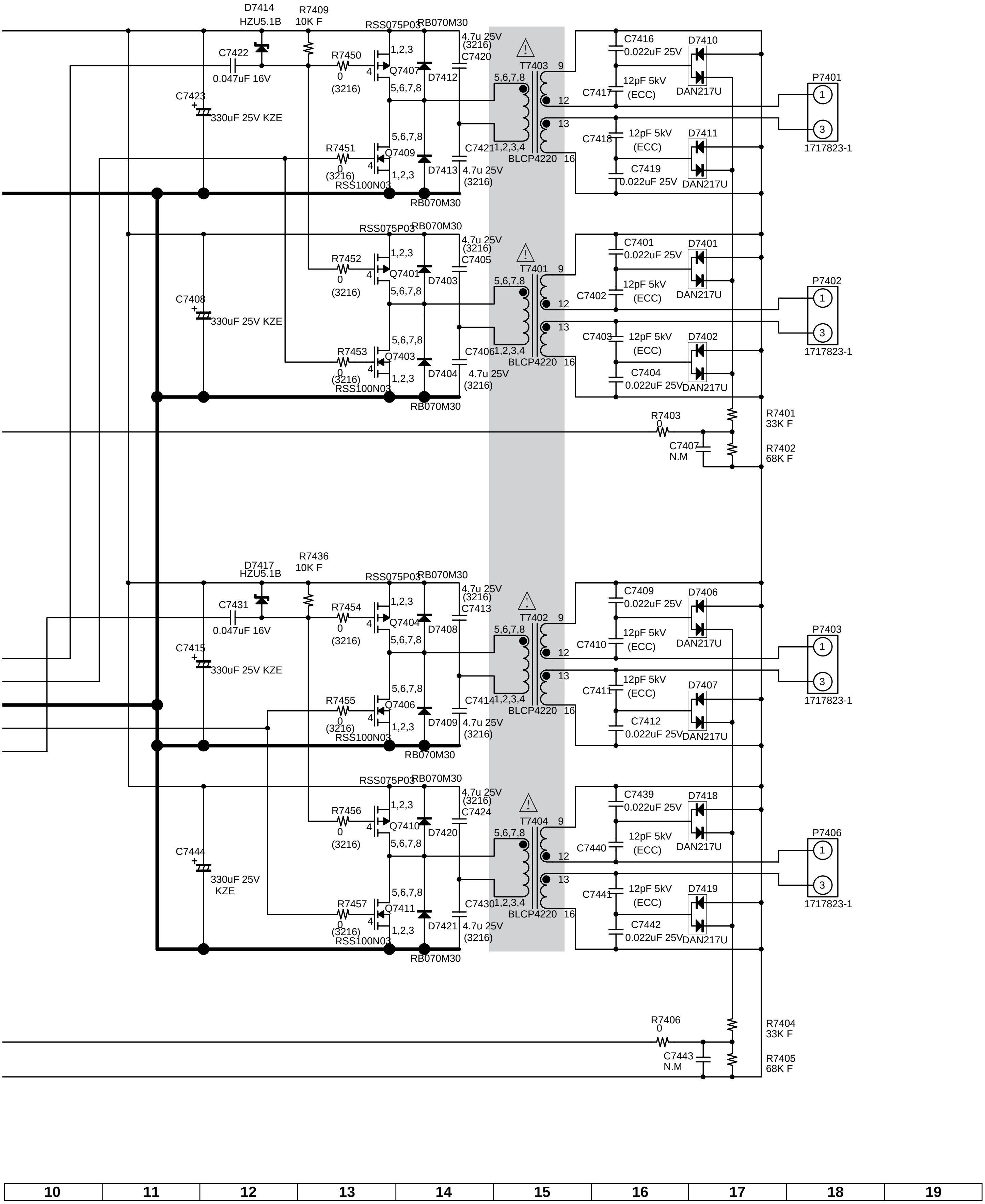
6
7
8
9
10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R7409
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RB070M30
4.7u 25V
(3216)
C7420
C7422
0.047uF 16V
R7450
0
(3216)
1,2,3
4
Q7407
5,6,7,8
D7412
T7403
9
5,6,7,8
12
13
1,2,3,4
BLCP4220
16
C7423
330uF 25V KZE
R7451
Q7409
D7413
C7421
RSS100N03
RB070M30
C7416
0.022uF 25V
D7410
C7417
12pF 5kV
(ECC)
DAN217U
C7418
D7411
C7419
P7401
1
3
1717823-1
R7452
Q7401
D7403
C7405
T7401
C7408
R7453
Q7403
D7404
C7406
C7401
D7401
C7402
C7403
D7402
C7404
P7402
R7403
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C7407
N.M
R7401
33K F
R7402
68K F
D7417
HZU5.1B
R7436
10K F
C7431
R7454
Q7404
D7408
C7413
T7402
C7415
R7455
Q7406
D7409
C7414
C7409
D7406
C7410
C7411
D7407
C7412
P7403
R7456
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T7404
C7444
330uF 25V
KZE
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Q7411
D7421
C7430
C7439
D7418
C7440
C7441
D7419
C7442
P7406
R7406
C7443
R7404
33K F
R7405
68K F
10
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14
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16
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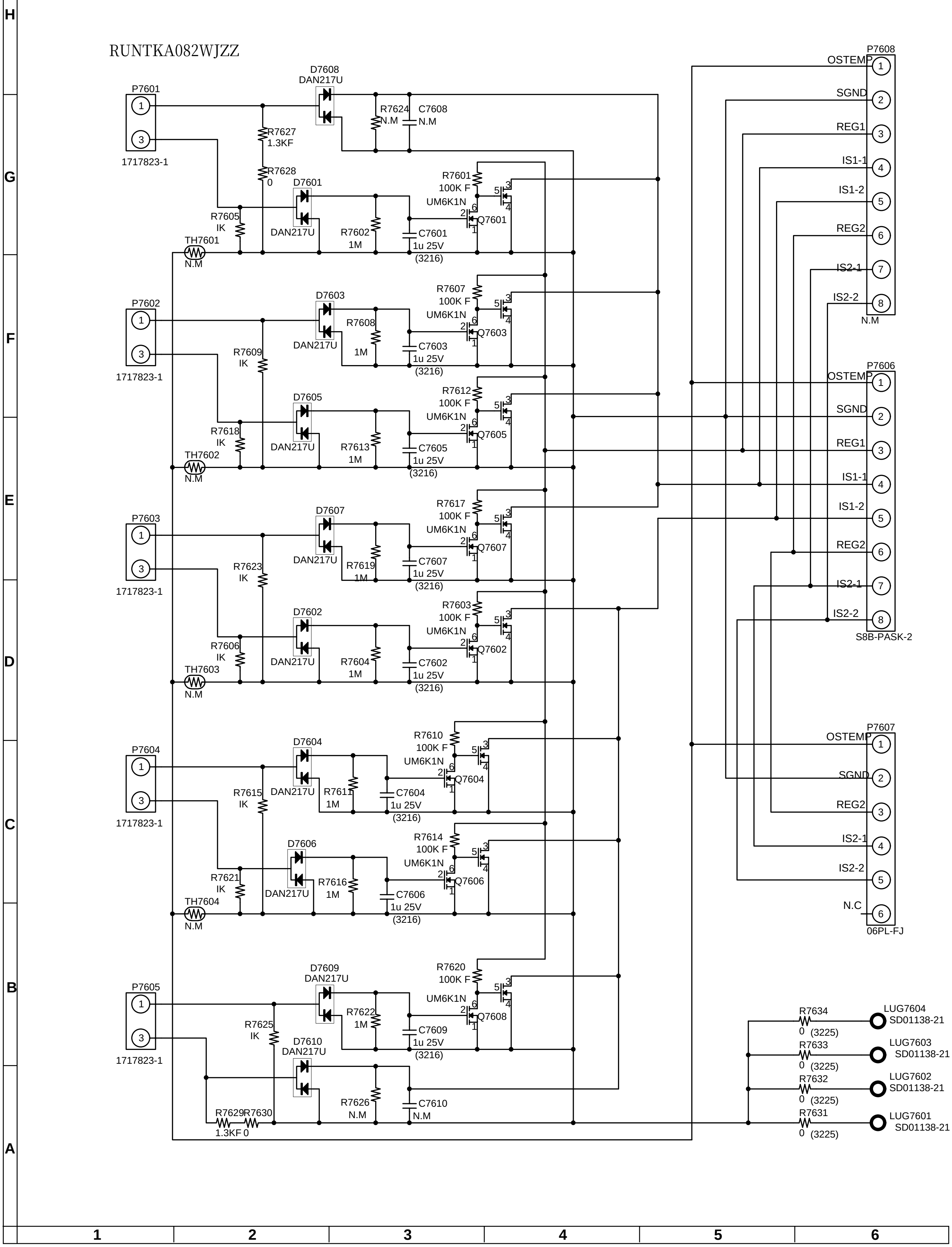
18
19

■ INVERTER-A GND Unit (LC-37GD1E)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1717823-1
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DAN217U
R7624
N.M
C7608
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R7627
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R7628
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D7601
DAN217U
R7605
IK
TH7601
N.M
R7602
1M
C7601
1u 25V
(3216)
R7601
100K F
UM6K1N
Q7601
D7603
DAN217U
R7608
1M
C7603
1u 25V
(3216)
R7607
100K F
UM6K1N
Q7603
R7609
IK
D7605
DAN217U
R7618
IK
TH7602
N.M
R7613
1M
C7605
1u 25V
(3216)
R7612
100K F
UM6K1N
Q7605
D7607
DAN217U
R7623
IK
R7619
1M
C7607
1u 25V
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DAN217U
R7606
IK
TH7603
N.M
R7604
1M
C7602
1u 25V
(3216)
R7603
100K F
UM6K1N
Q7602
D7604
DAN217U
R7615
IK
R7611
1M
C7604
1u 25V
(3216)
R7610
100K F
UM6K1N
Q7604
D7606
DAN217U
R7621
IK
TH7604
N.M
R7616
1M
C7606
1u 25V
(3216)
R7614
100K F
UM6K1N
Q7606
D7609
DAN217U
R7625
IK
R7622
1M
C7609
1u 25V
(3216)
R7620
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Q7608
D7610
DAN217U
R7626
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C7610
N.M
R7629
1.3KF
R7630
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SGND
REG1
IS1-1
IS1-2
REG2
IS2-1
IS2-2
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P7606
OSTEMP
SGND
REG1
IS1-1
IS1-2
REG2
IS2-1
IS2-2
S8B-PASK-2
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SGND
REG2
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IS2-2
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LUG7603
SD01138-21
R7632
0 (3225)
LUG7602
SD01138-21
R7631
0 (3225)
LUG7601
SD01138-21
H
G
F
E
D
C
B
A
1
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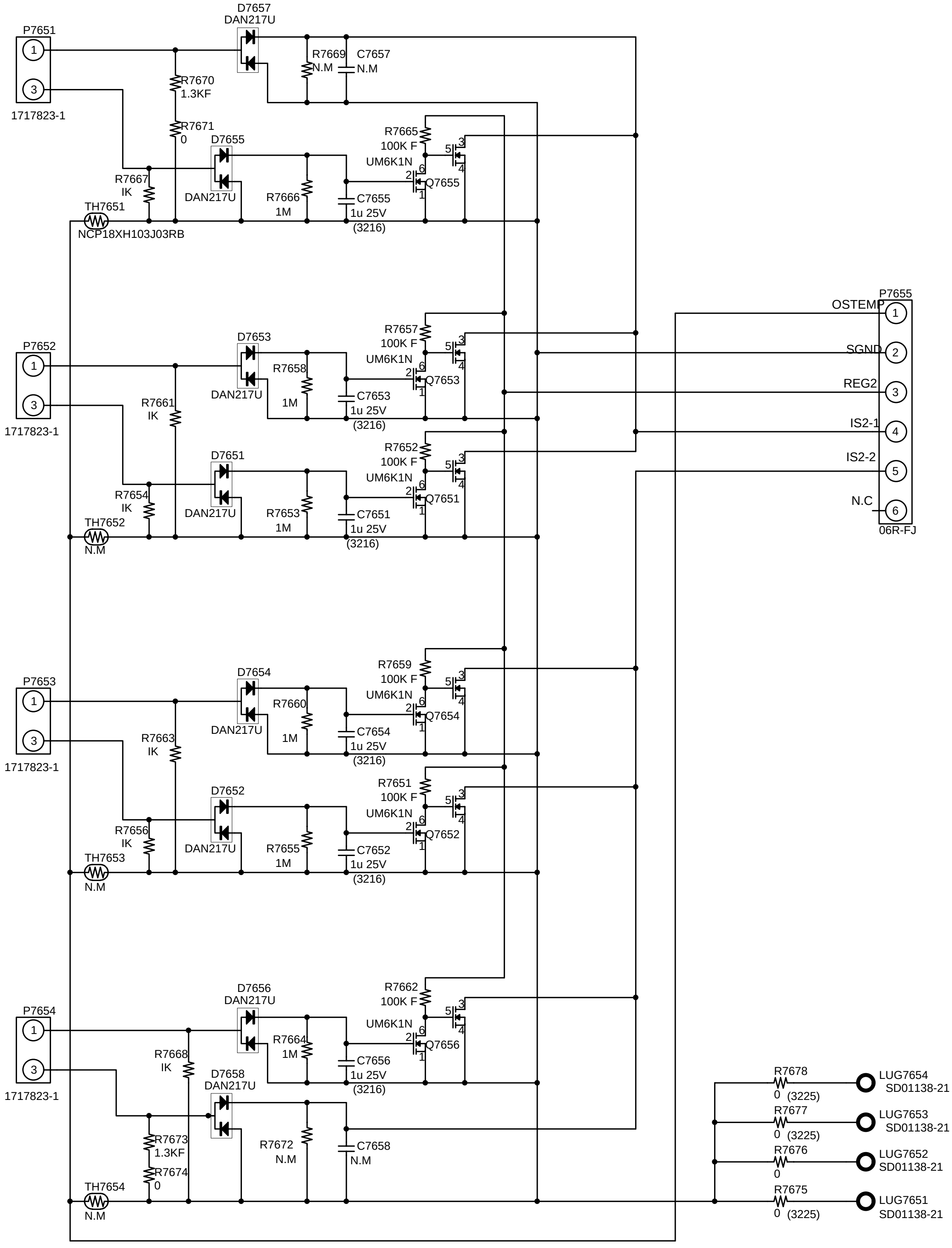
6

■ INVERTER-B GND Unit (LC-37GD1E)

RUNTKA083WJZZ

PSD-0376-D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R7669
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C7657
N.M
R7670
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R7671
0
D7655
DAN217U
R7667
IK
R7665
100K F
UM6K1N
Q7655
R7666
1M
C7655
1u 25V
(3216)
TH7651
NCP18XH103J03RB
P7655
OSTEMP
SGND
REG2
IS2-1
IS2-2
N.C
06R-FJ
P7652
1717823-1
D7653
DAN217U
R7658
1M
R7661
IK
R7657
100K F
UM6K1N
Q7653
C7653
1u 25V
(3216)
D7651
DAN217U
R7654
IK
R7653
1M
R7652
100K F
UM6K1N
Q7651
C7651
1u 25V
(3216)
TH7652
N.M
P7653
1717823-1
D7654
DAN217U
R7660
1M
R7663
IK
R7659
100K F
UM6K1N
Q7654
C7654
1u 25V
(3216)
D7652
DAN217U
R7656
IK
R7655
1M
R7651
100K F
UM6K1N
Q7652
C7652
1u 25V
(3216)
TH7653
N.M
P7654
1717823-1
D7656
DAN217U
R7664
1M
R7668
IK
R7662
100K F
UM6K1N
Q7656
C7656
1u 25V
(3216)
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C7658
N.M
TH7654
N.M
R7678
0 (3225)
LUG7654
SD01138-21
R7677
0 (3225)
LUG7653
SD01138-21
R7676
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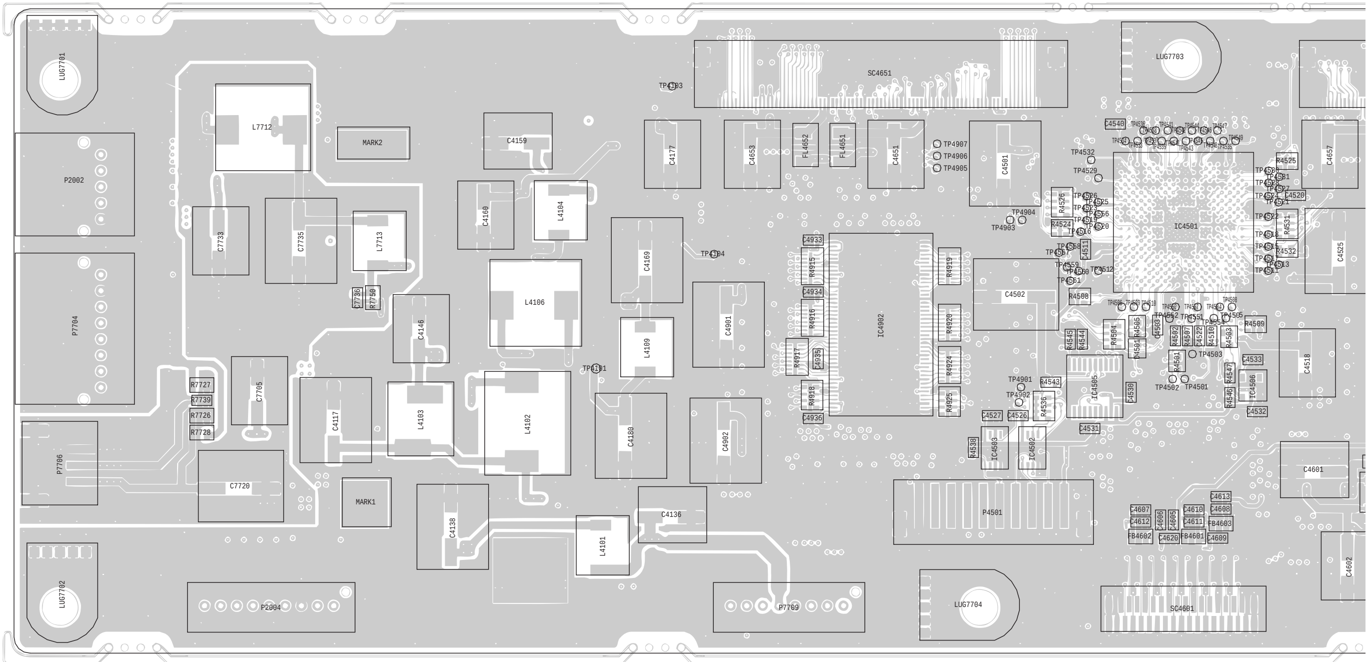
SD01138-21

PRINTED WIRING BOARD ASSEMBLIES

■ LCD CONT Unit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LUG7703
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C7733
C7735
L7713
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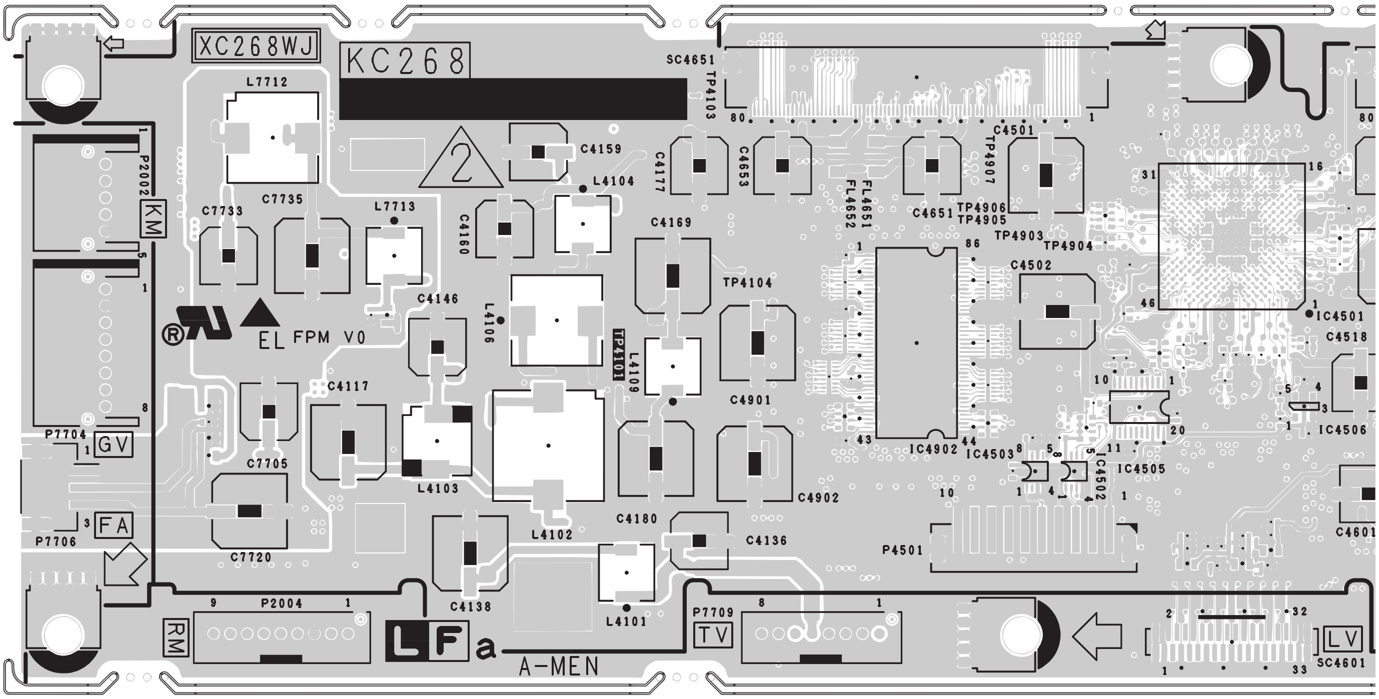
L4104
C4169
TP4104
C4177
C4653
FL4652
FL4651
C4651
TP4907
TP4906
TP4905
C4501
TP4904
TP4903
IC4501
C4657
C4525
P7704
L4106
C4146
L4109
TP4101
C4901
IC4902
C4502
C4518
R7727
R7730
R7726
R7728
C7705
C4117
L4103
L4102
C4180
C4902
TP4901
TP4902
IC4505
TP4502
TP4501
TP4503
C4533
C4532
P7706
C7720
MARK1
C4138
C4136
L4101
P4501
C4601
C4602
LUG7702
P2004
P7709
LUG7704
SC4601

(Chip Parts Side-A)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TP4103
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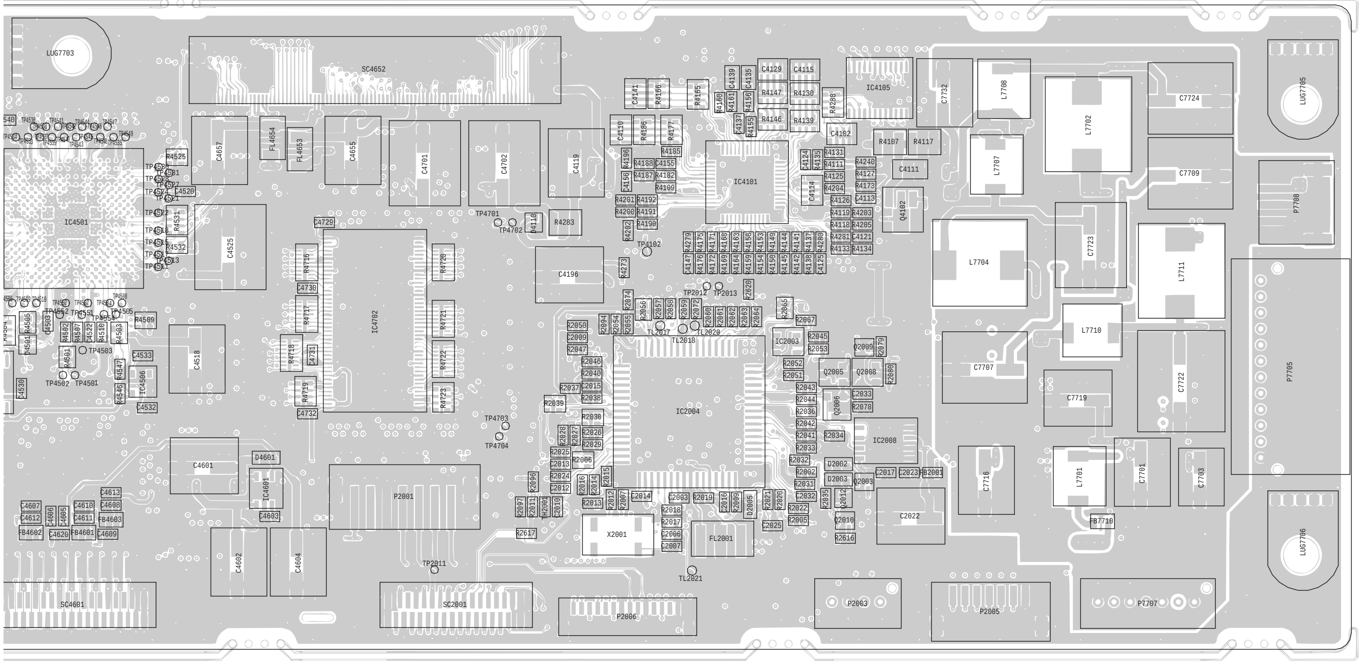
L7712
P2002
KM
C7733
C7735
L7713
C4159
L4104
C4177
C4653
FL4651
FL4652
C4651
TP4907
C4501
TP4906
TP4905
TP4903
TP4904
C4502
C4160
C4169
C4146
L4106
TP4101
L4109
TP4104
C4901
EL FPM V0
C4117
C7705
L4103
P7704
GV
FA
P7706
C7720
L4102
C4180
C4136
C4138
L4101
C4902
IC4902
IC4503
IC4505
C4502
P4501
31
16
46
IC4501
C4518
IC4506
C4601
P2004
9
RM
P7709
TV
SC4601
LV
2
32
33
LFa
A-MEN

(Component Parts Side-A)

H
G
F
E
D
C
B
A

1 2 3 4 5 6 7 8 9 10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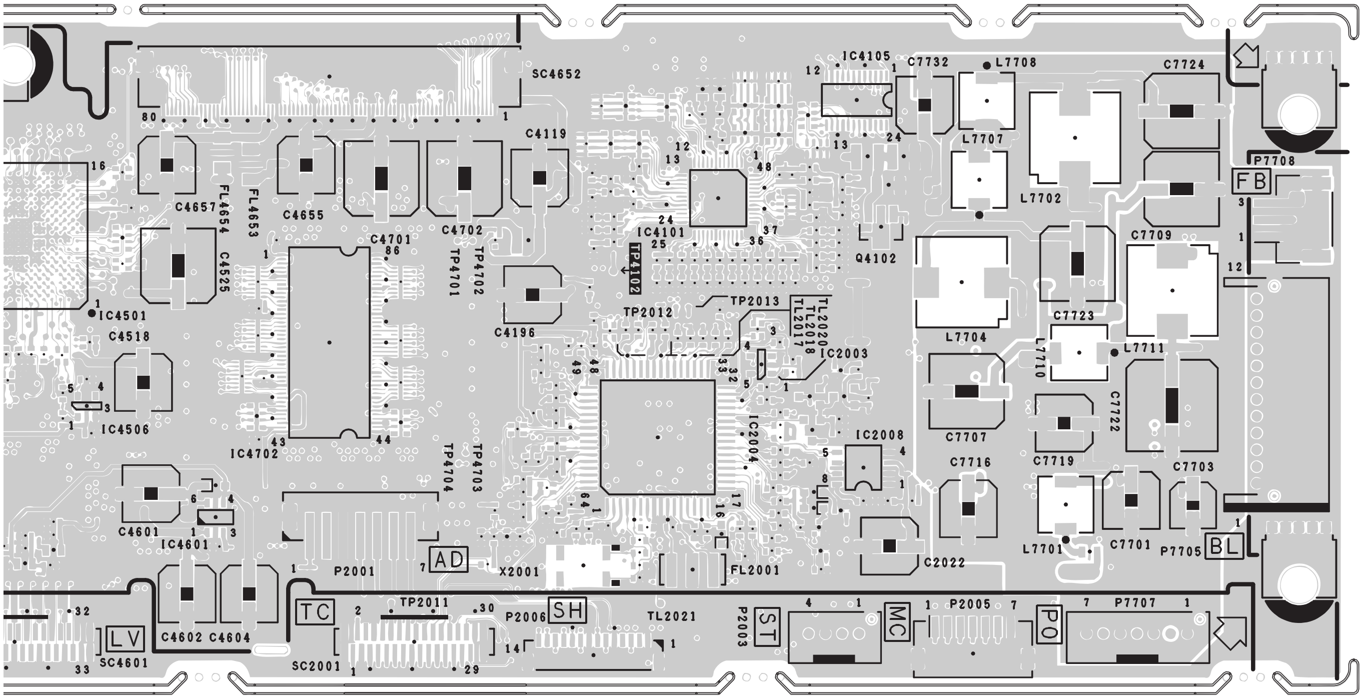
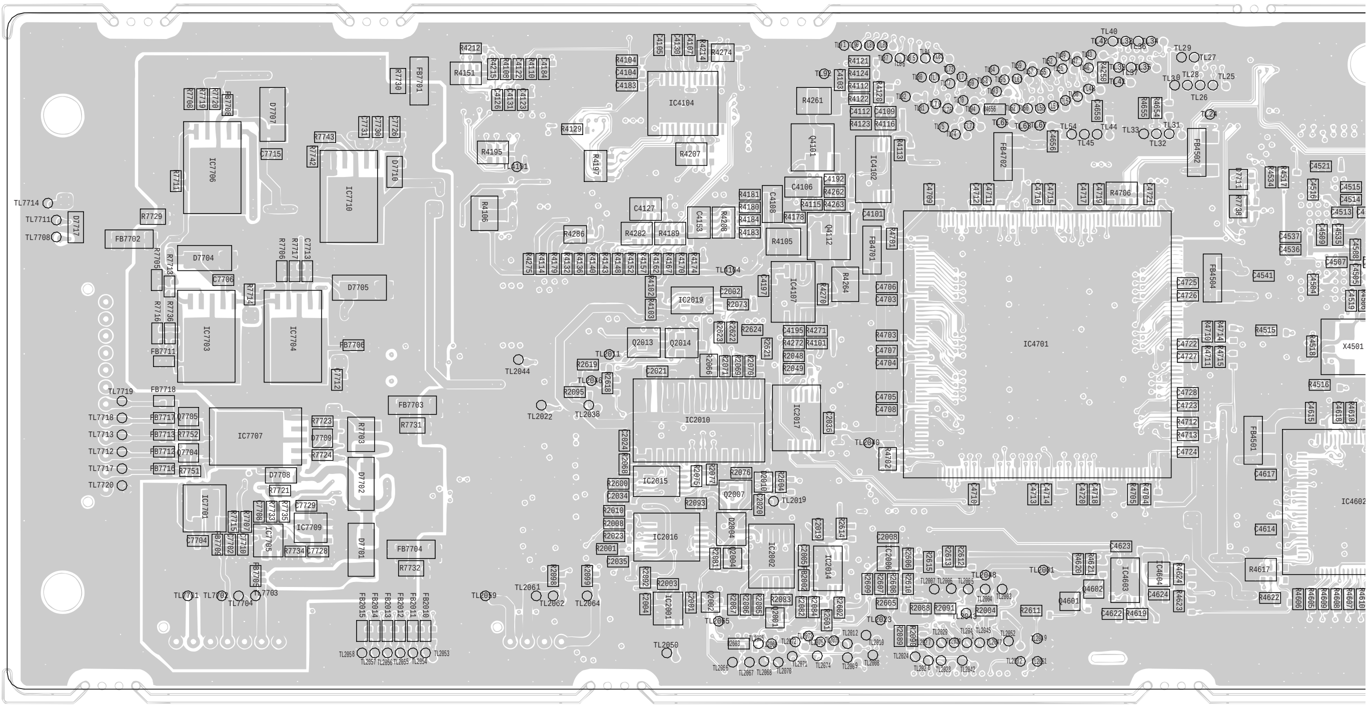
SC4652
IC4501
IC4702
IC4101
IC4105
IC2004
IC2003
IC2008
X2001
FL2001
P2001
SC4601
SC2001
P2006
P2003
P2005
P7707
P7705
P7708
LUG7705
LUG7706
L7702
L7704
L7707
L7708
L7710
L7711
L7701
C7724
C7709
C7707
C7722
C7719
C7716
C7701
C7703
C2022
C4196
C4601
C4602
C4604
TL2021
TP2011

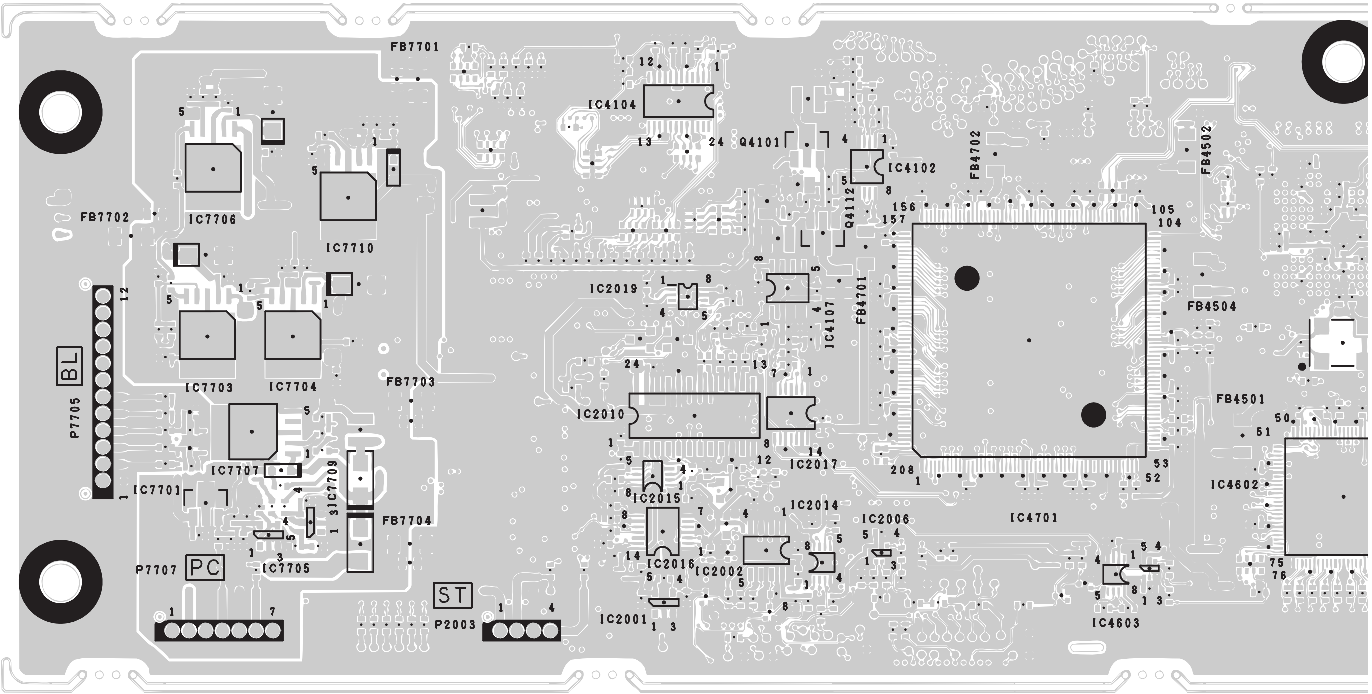

SC4652
80
1
16
C4657
FL4654
FL4653
C4655
C4701
86
C4702
C4119
C4525
TP4701
TP4702
IC4501
C4518
C4196
IC4506
IC4702
43
44
TP4704
TP4703
C4601
IC4601
P2001
AD
X2001
FL2001
TC
TP2011
SH
TL2021
P2006
SC2001
29
LV
SC4601
32
33
C4602
C4604
IC4105
C7732
L7708
C7724
L7707
L7702
P7708
FB
C7709
12
13
24
48
37
36
25
IC4101
TP4102
Q4102
TP2013
TP2012
TL2020
TL2018
TL2017
IC2003
L7704
C7723
L7710
L7711
C7722
C7707
IC2008
C7716
C7719
C7703
IC2004
49
64
17
C2022
L7701
C7701
P7705
BL
ST
P2003
MC
P2005
PO
P7707

10	11	12	13	14	15	16	17	18	19

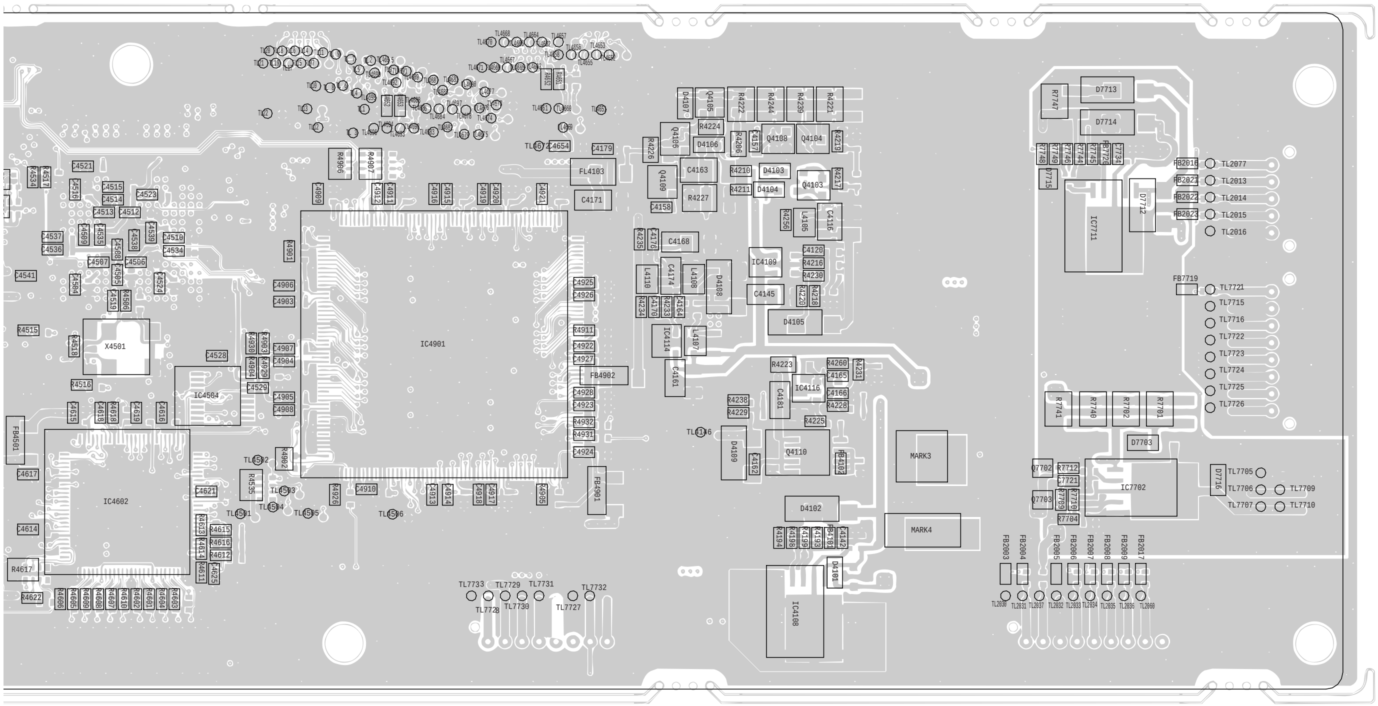
■ LCD CONT Unit

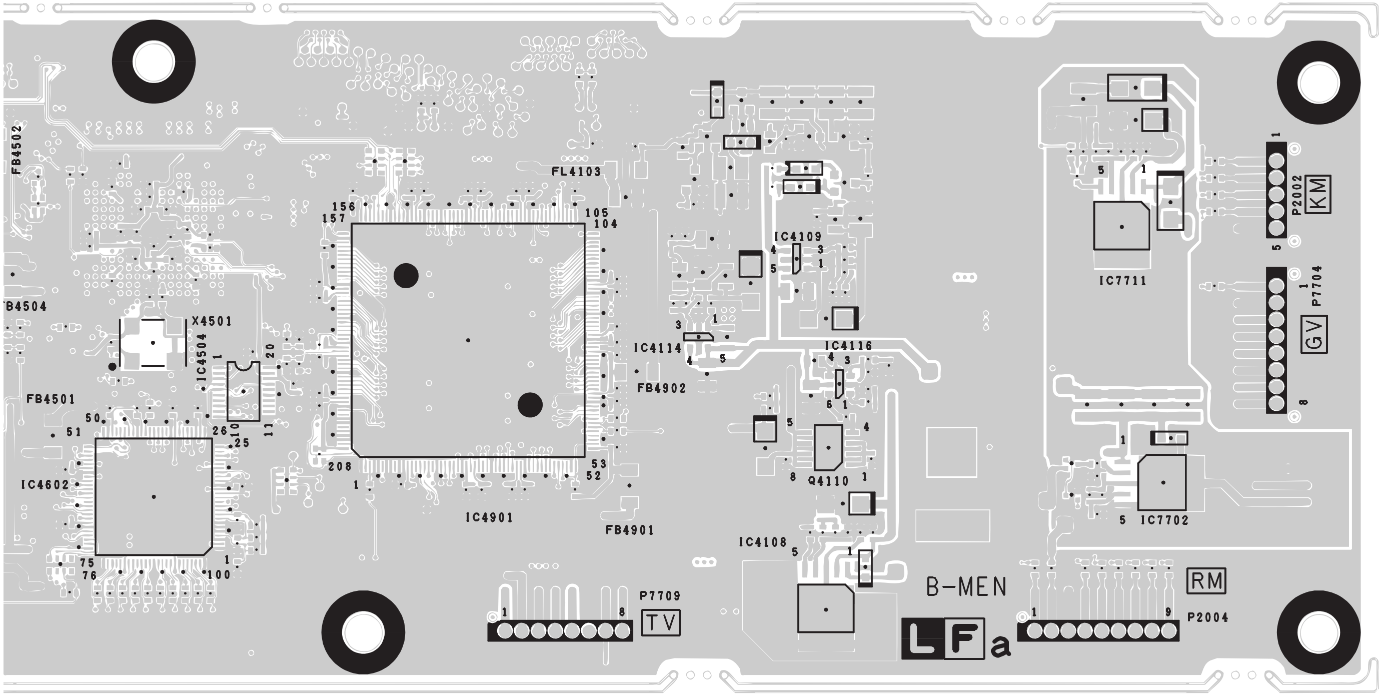

IC7706
IC7710
IC7703
IC7704
IC7707
IC7701
IC4104
IC4102
IC4107
IC2019
IC2010
IC2015
IC2016
IC2017
IC2014
IC2002
IC2001
IC4701
IC4603
IC4602
X4501
FB7702
FB7703
FB7704
FB4702
FB4701
FB4502
FB4504
FB4501

(Chip Parts Side-B)


FB7701
IC4104
Q4101
IC4102
FB4702
FB4502
Q4112
FB7702
IC7706
IC7710
IC2019
IC4107
FB4701
FB4504
BL
P7705
IC7703
IC7704
FB7703
IC2010
IC2017
FB4501
IC7707
IC7709
IC7701
IC2015
IC2014
IC2006
IC4701
IC4602
FB7704
IC2016
IC2002
P7707
PC
IC7705
ST
P2003
IC2001
IC4603

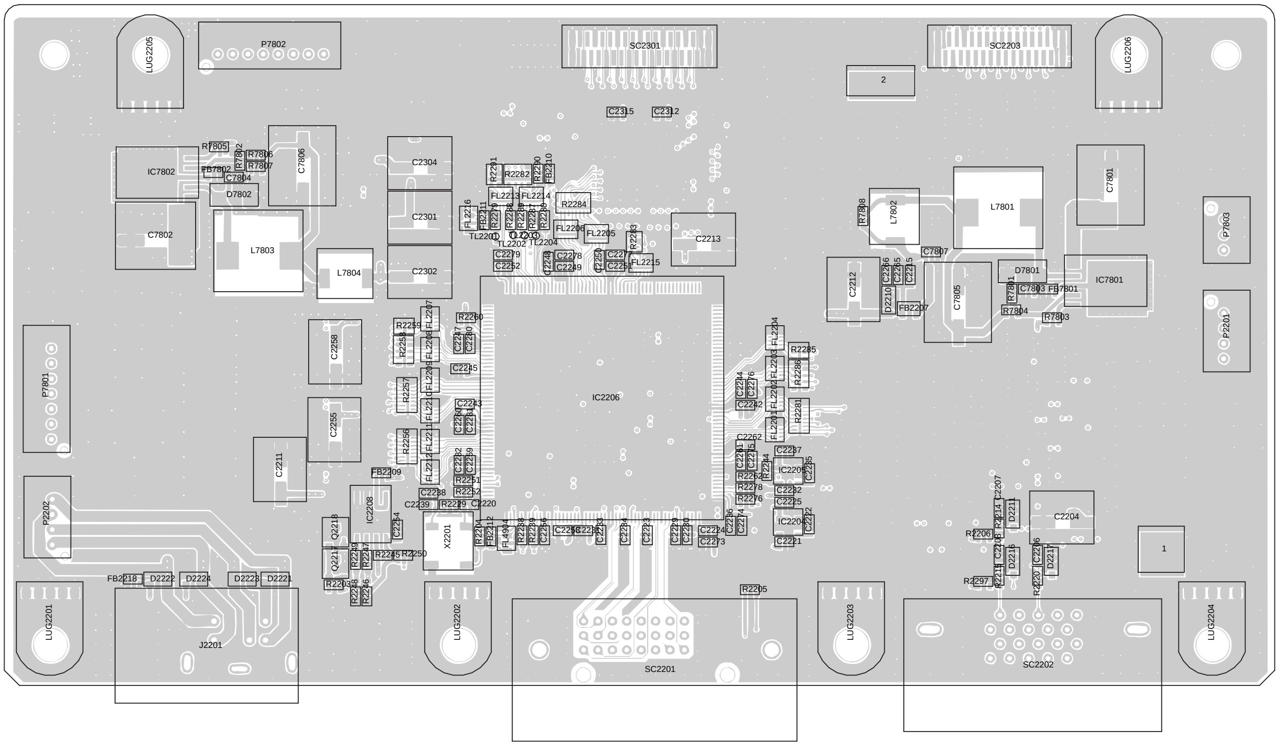
(Component Parts Side-B)


IC4901
IC4602
IC4504
X4501
FL4103
FB4902
FB4901
IC4109
IC4114
IC4116
Q4110
IC4108
D4102
D4105
MARK3
MARK4
IC7711
IC7702
D7713
D7714
D7712
D7703
D7716
FB7719
TL2077
TL2013
TL2014
TL2015
TL2016
TL7721
TL7715
TL7716
TL7722
TL7723
TL7724
TL7725
TL7726
TL7705
TL7706
TL7707
TL7709
TL7710
TL7733
TL7729
TL7731
TL7732
TL7728
TL7730
TL7727
R4617
R4622
C4617
C4614
C4541
R4515
R4516
C4528
C4521
C4523
C4906
C4903
C4907
C4904
C4905
C4908
C4925
C4926
C4922
C4923
C4924
C4910
C4171
C4179
C4154
C4168
C4163
C4145
C4181
R4223
R4225
R4227
R4224
D4104
D4103
Q4103
Q4104
Q4108
Q4109
D4109
D4106
R7741
R7740
R7702
R7701

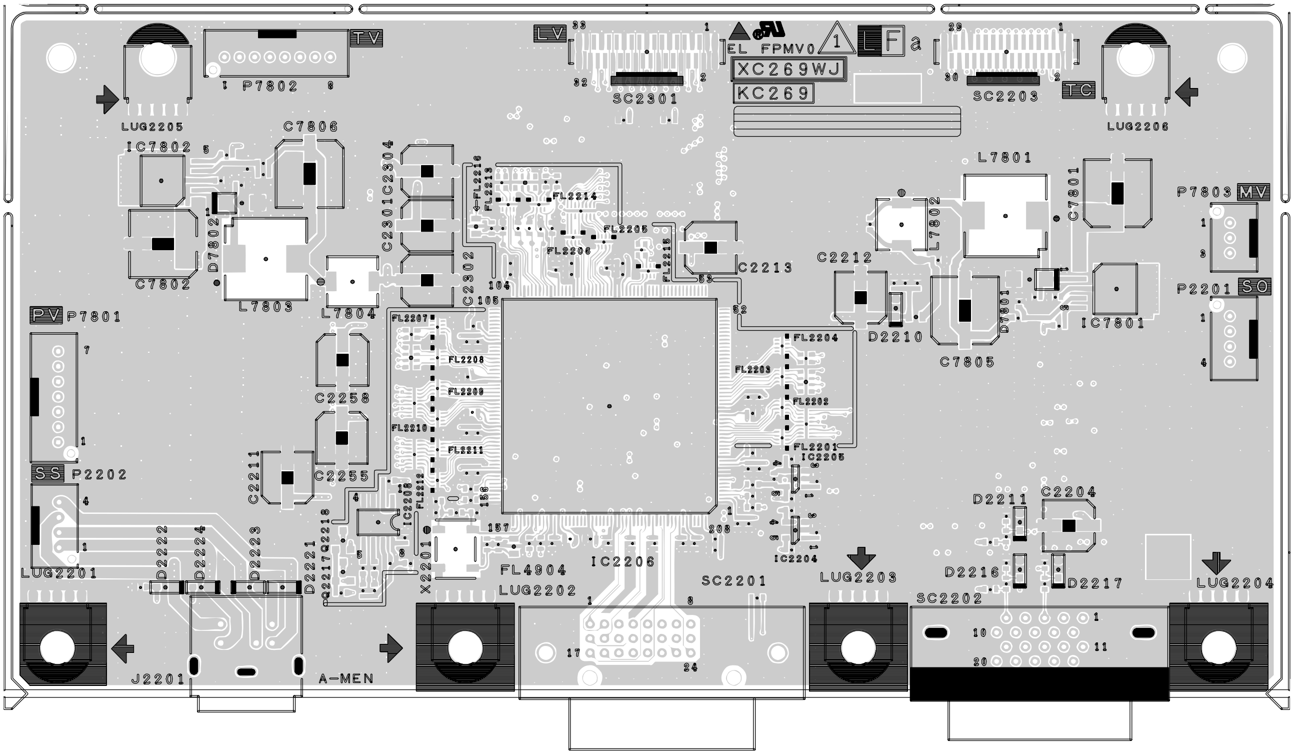

FB4502
FB4504
FB4501
X4501
IC4504
IC4602
50
51
26
25
75
76
1
100
20
11
10
FL4103
156
157
105
104
208
53
52
IC4901
FB4901
IC4109
4
3
5
1
IC4114
3
4
5
FB4902
IC4116
4
3
6
1
5
4
8
Q4110
IC4108
5
1
P7709
1
8
TV
B-MEN
LFa
RM
1
9
P2004
IC7711
5
1
P2002
KM
1
5
P7704
GV
1
8
IC7702
1
5

10	11	12	13	14	15	16	17	18	19

■ TMDS RX Unit


LUG2205
P7802
SC2301
SC2203
LUG2206
IC7802
C7806
C7802
L7803
L7804
D7802
C2304
C2301
C2302
C2213
L7802
L7801
C7801
P7803
IC7801
D7801
C7805
C2212
P2201
P7801
C2258
C2255
C2211
IC2206
C2208
X2201
C2204
P2202
LUG2201
J2201
LUG2202
SC2201
LUG2203
SC2202
LUG2204

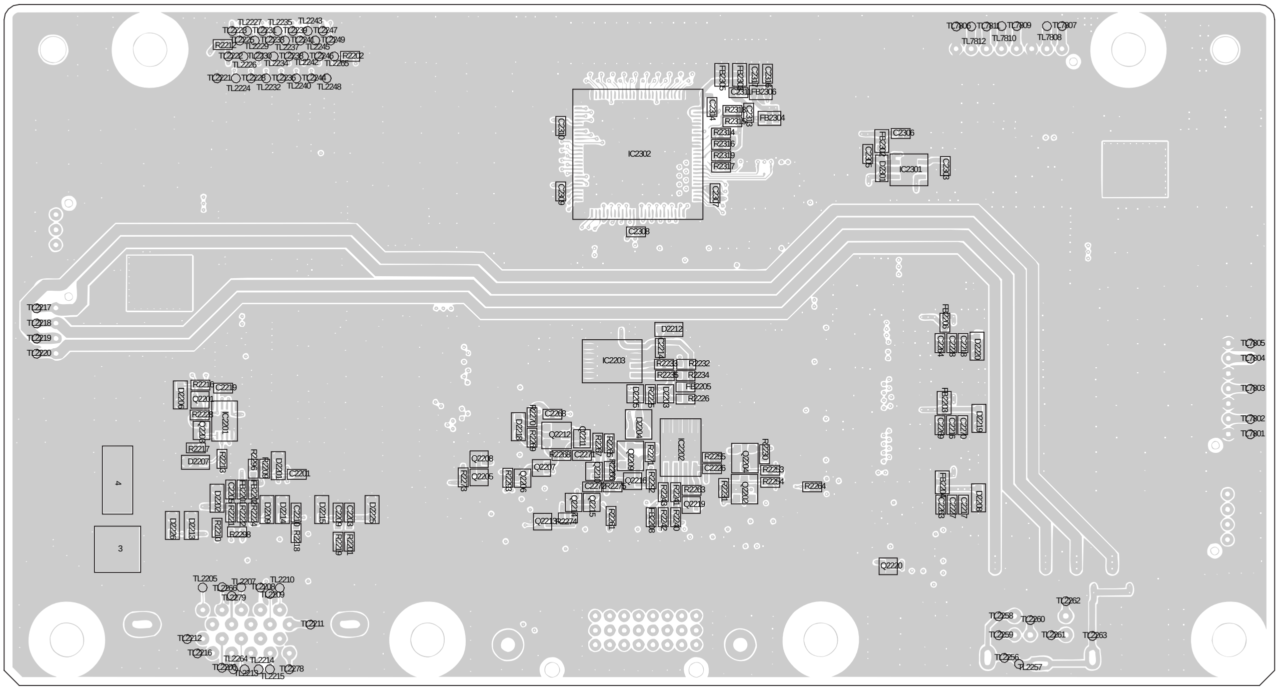
(Chip Parts Side-A)


TV
P7802
LV
SC2301
EL FPMV0
XC269WJ
KC269
SC2203
TC
LUG2205
LUG2206
IC7802
C7806
C7802
D7802
L7803
L7804
C2301
C2304
C2302
FL2214
FL2205
FL2206
C2213
C2212
L7801
L7802
C7801
P7803
MV
P2201
SO
D2210
C7805
D7801
IC7801
PV
P7801
C2258
C2255
C2211
SS
P2202
FL2207
FL2208
FL2209
FL2210
FL2211
FL2204
FL2203
FL2202
FL2201
IC2205
IC2204
D2211
C2204
D2216
D2217
LUG2201
D2222
D2224
D2223
D2221
Q2217
Q2218
X2201
FL4904
IC2206
LUG2202
SC2201
LUG2203
SC2202
LUG2204
J2201
A-MEN

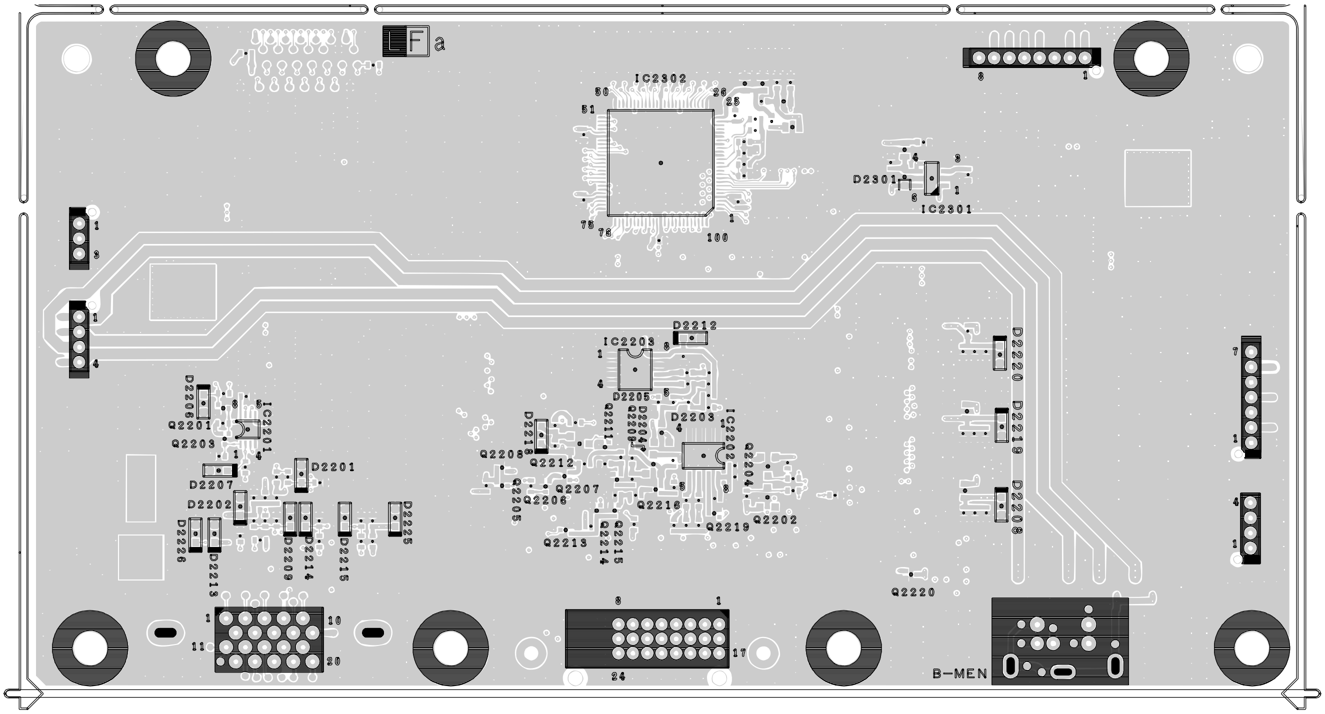
(Component Parts Side-A)

H
G
F
E
D
C
B
A

1 2 3 4 5 6


IC2302
IC2301
IC2203
IC2202
IC2201
D2212
C2306
C2308
FB2304
FB2305
Q2220
TL2217
TL2218
TL2219
TL2220
TL7801
TL7802
TL7803
TL7804
TL7805
H
G
F
E

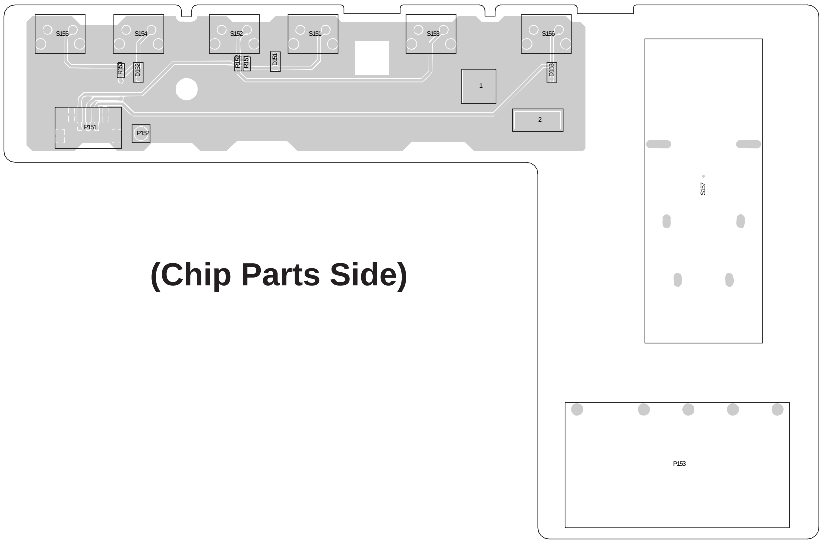
(Chip Parts Side-B)


IC2302
50
26
51
25
75
76
1
100
D2301
IC2301
IC2203
D2212
D2205
D2203
IC2202
D2220
D2219
D2208
D2206
Q2201
Q2203
IC2201
D2201
D2207
D2202
D2226
D2213
D2209
D2214
D2215
D2225
D2218
Q2208
Q2212
Q2206
Q2205
Q2207
Q2211
Q2209
D2204
Q2216
Q2219
Q2202
Q2204
Q2213
Q2215
Q2214
Q2220
B-MEN
8
1
24
17
10
11
20
D
C
B
A

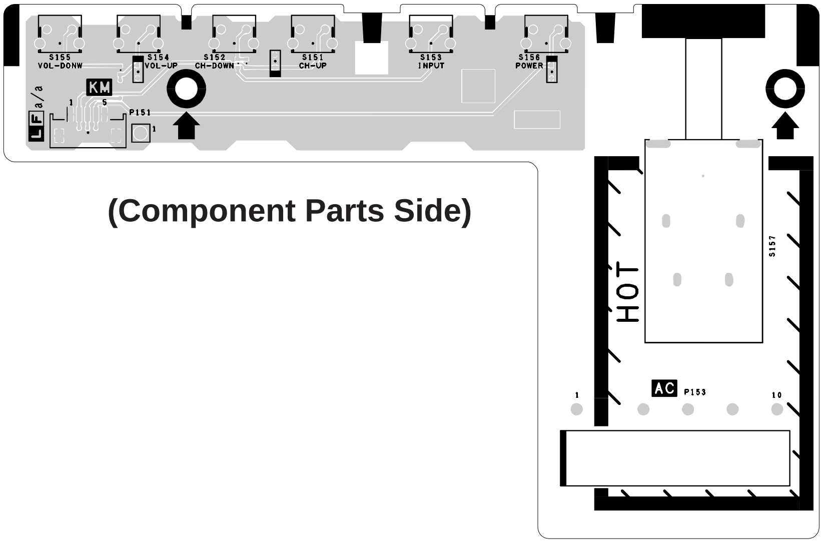
(Component Parts Side-B)

1
2
3
4
5
6

KEY Unit

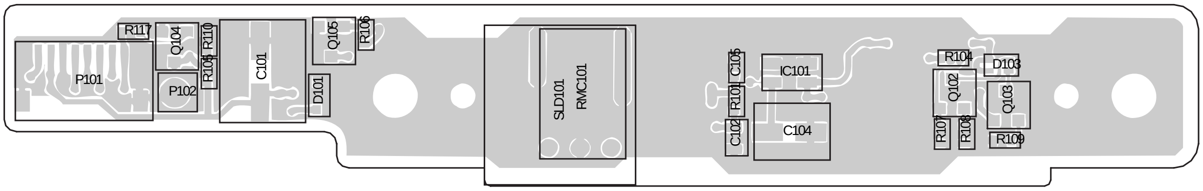

S155
S154
S152
S151
S153
S156
D152
D151
D153
1
2
P151
P152
S157
P153

(Chip Parts Side)

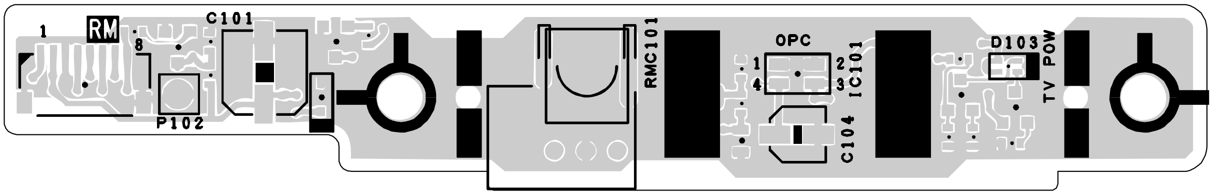

S155
VOL-DONW
S154
VOL-UP
S152
CH-DOWN
S151
CH-UP
S153
INPUT
S156
POWER
KM
P151
1
5
HOT
S157
AC
P153
1
10

(Component Parts Side)

R/C LED Unit


R117
Q104
R110
R105
P101
P102
C101
Q105
R106
D101
SLD101
RMC101
C105
IC101
R101
C102
C104
R104
D103
Q102
Q103
R107
R108
R109

(Chip Parts Side)


1
RM
8
C101
P102
RMC101
OPC
1
2
3
4
IC101
C104
D103
POW
TV

(Component Parts Side)

H
G
F
E
D
C
B
A

1 2 3 4 5 6

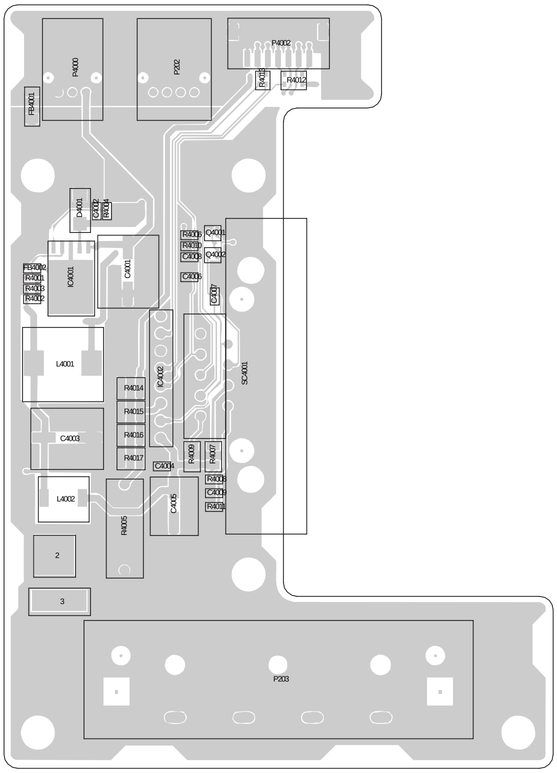
MOTOR SP Unit

H

G

F

E

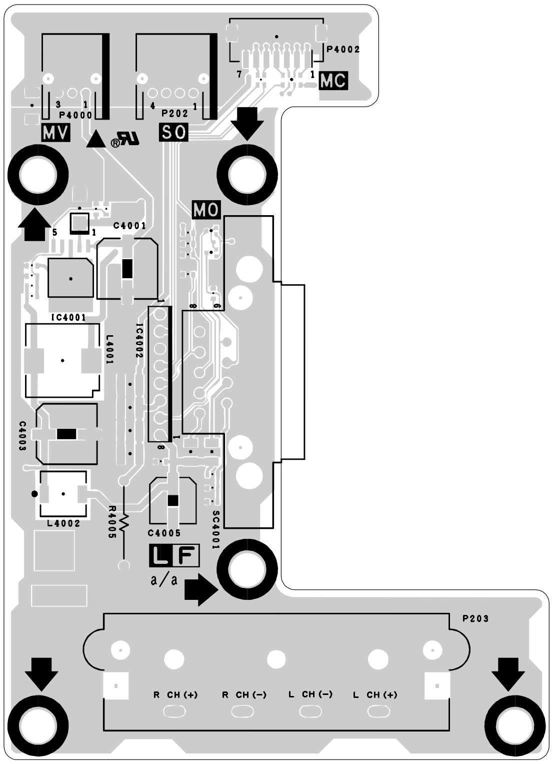

P4000
P202
P4002
R4013
R4012
FB4001
D4001
C4002
R4004
R4006
R4010
C4008
Q4001
Q4002
C4006
C4007
FB4002
R4001
R4003
R4002
IC4001
C4001
IC4002
SC4001
L4001
R4014
R4015
R4016
R4017
C4003
C4004
R4009
R4007
R4008
C4009
R4011
L4002
R4005
C4005
2
3
P203

(Chip Parts Side)

D

C

B


P4002
7
1
MC
3
1
P4000
MV
4
1
P202
SO
MO
5
1
C4001
IC4001
L4001
IC4002
8
9
C4003
L4002
R4005
C4005
SC4001
LF
a/a
P203
R CH (+)
R CH (−)
L CH (−)
L CH (+)

A

(Component Parts Side)

1	2	3	4	5	6

■ INVERTER-A Unit
(LC-32GD1E)

H

G

F

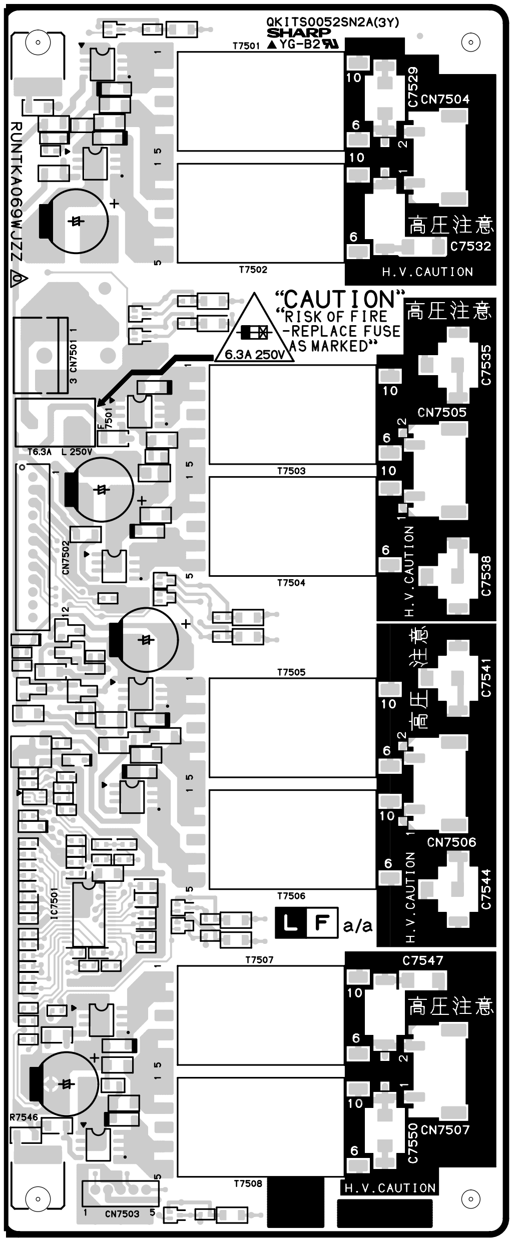
E

D

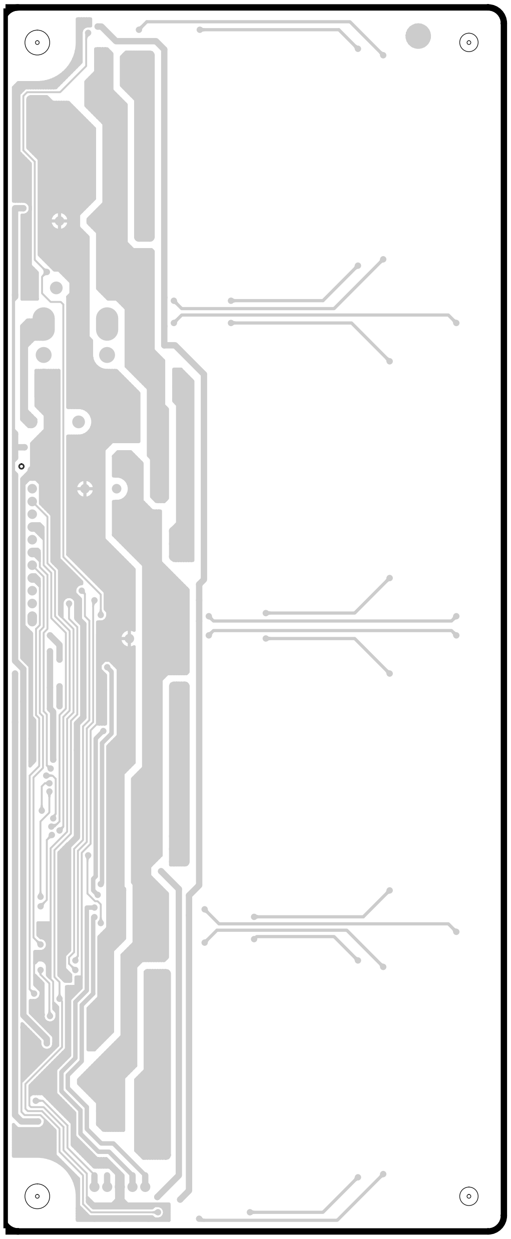
C

B

A


QKITS0052SN2A(3Y)
SHARP
▲YG-B2
RUNTKA069WJZZ
T7501
T7502
T7503
T7504
T7505
T7506
T7507
T7508
C7529
CN7504
C7532
高圧注意
H.V.CAUTION
"CAUTION"
"RISK OF FIRE
-REPLACE FUSE
AS MARKED"
6.3A 250V
C7535
CN7505
C7538
C7541
CN7506
C7544
C7547
CN7507
C7550
CN7501
CN7502
CN7503
F7501
T6.3A L 250V
IC7501
R7546
L F a/a

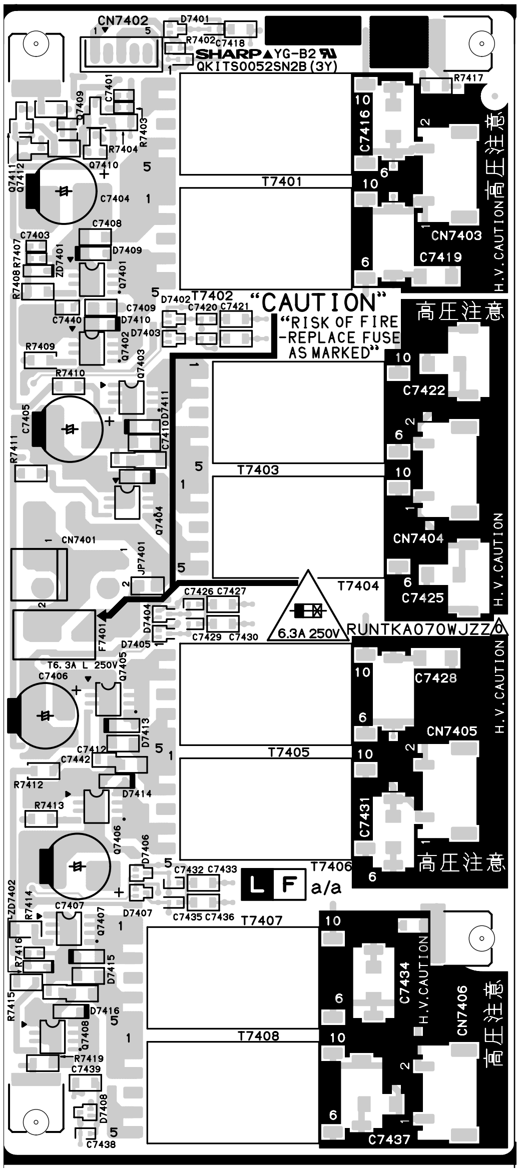
(Component Parts Side)



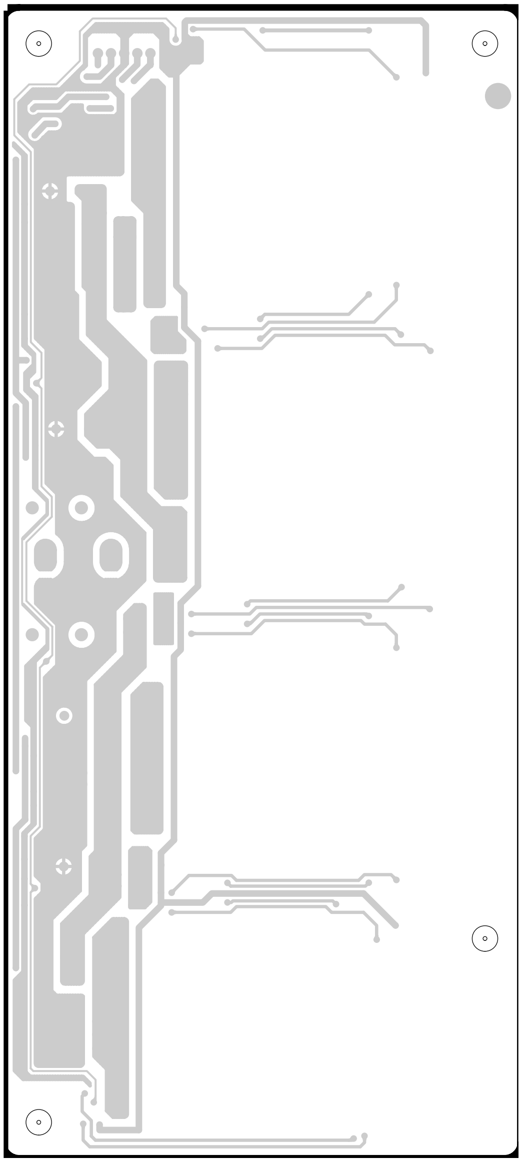
(Wiring Side)

1 2 3 4 5 6

■ INVERTER-B Unit (LC-32GD1E)

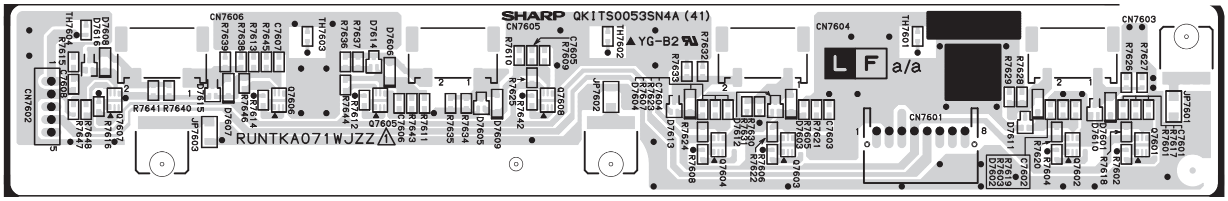

CN7402
D7401
R7402
C7418
SHARP ▲YG-B2
QKITS0052SN2B (3Y)
R7417
C7416
T7401
CN7403
C7419
H.V.CAUTION
高圧注意
Q7409
C7401
R7403
R7404
Q7410
Q7411
Q7412
C7404
C7408
C7403
R7407
ZD7401
D7409
R7408
Q7401
T7402
D7402
C7409
C7420
C7421
"CAUTION"
"RISK OF FIRE
-REPLACE FUSE
AS MARKED"
C7440
D7410
D7403
Q7402
Q7403
R7409
R7410
C7405
R7411
C7410
D7411
C7422
T7403
Q7404
CN7401
JP7401
CN7404
T7404
C7425
C7426
C7427
D7404
C7429
C7430
6.3A 250V
RUNTKA070WJZZ
F7401
D7405
T6.3A L 250V
C7406
Q7405
C7428
CN7405
D7413
C7412
C7442
T7405
R7412
D7414
R7413
C7431
Q7406
D7406
T7406
C7432
C7433
L F a/a
ZD7402
R7414
C7407
D7407
C7435
C7436
T7407
Q7407
R7416
D7415
C7434
CN7406
R7415
D7416
Q7408
T7408
R7419
C7439
D7408
C7438
C7437

(Component Parts Side)

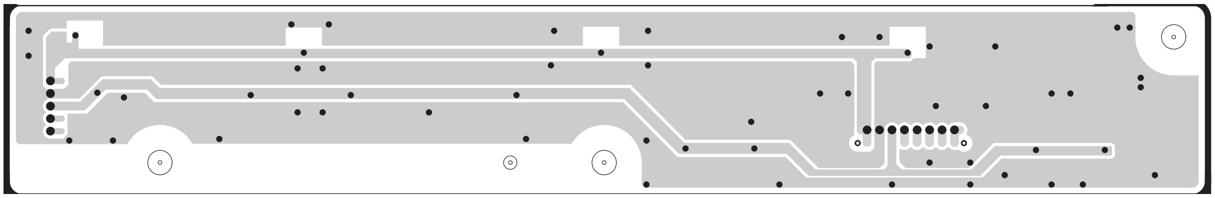


(Wiring Side)

■ INVERTER-A GND Unit (LC-32GD1E)

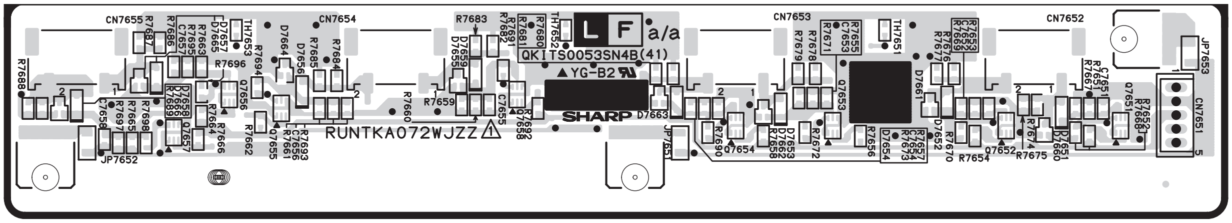

SHARP
QKITS0053SN4A (41)
YG-B2
L F a/a
RUNTKA071WJZZ
CN7602
CN7603
CN7604
CN7605
CN7606
CN7601

(Component Parts Side)

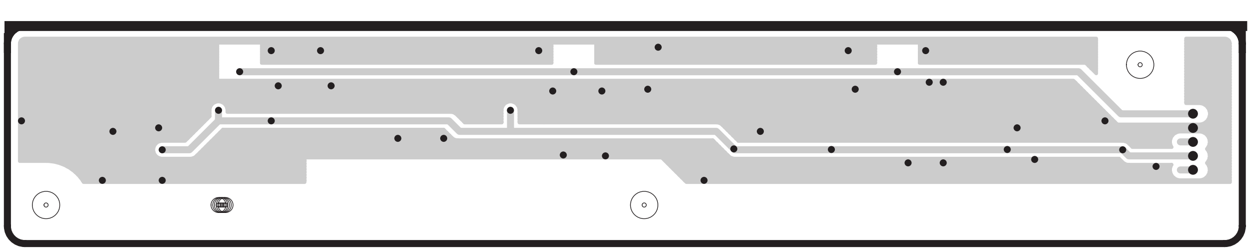


(Wiring Side)

■ INVERTER-B GND Unit (LC-32GD1E)


L F a/a
QKITS0053SN4B(41)
YG-B2
SHARP
RUNTKA072WJZZ
CN7655
CN7654
CN7653
CN7652
CN7651

(Component Parts Side)



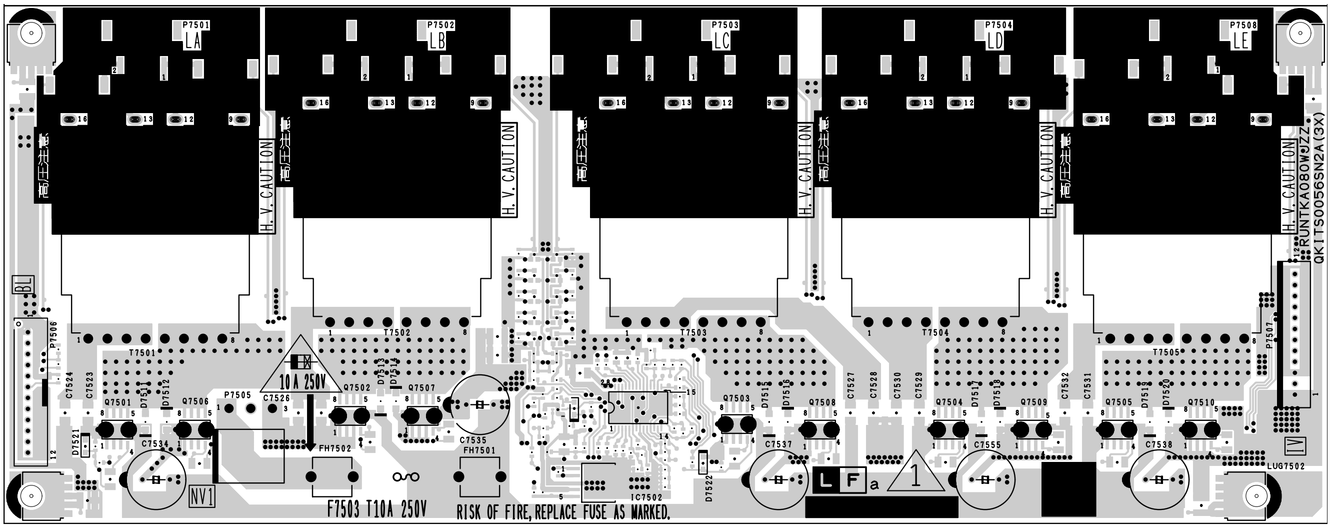
(Wiring Side)

■ INVERTER-A Unit
(LC-37GD1E)

H

G

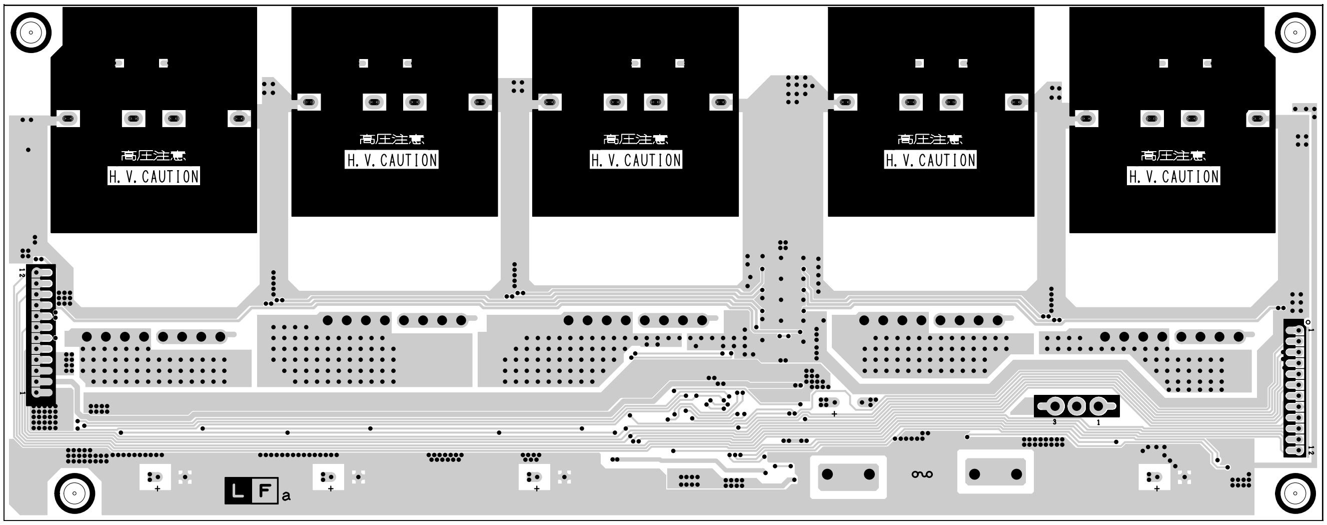
F


P7501
LA
P7502
LB
P7503
LC
P7504
LD
P7508
LE
高圧注意
H.V.CAUTION
RUNTKA080WJZZ
QKITS0056SN2A(3X)
BL
P7506
T7501
T7502
T7503
T7504
T7505
P7507
C7524
C7523
Q7501
D7511
D7512
Q7506
P7505
C7526
10A 250V
Q7502
D7513
D7514
Q7507
C7534
FH7502
C7535
FH7501
D7521
NV1
F7503 T10A 250V
RISK OF FIRE, REPLACE FUSE AS MARKED.
IC7502
D7522
Q7503
D7515
D7516
Q7508
C7527
C7528
C7530
C7529
C7537
Q7504
D7517
D7518
Q7509
C7555
C7532
C7531
Q7505
D7519
D7520
Q7510
C7538
IV
LUG7502
L F a

E

(Component Side)

D


高圧注意
H.V.CAUTION
L F a

C

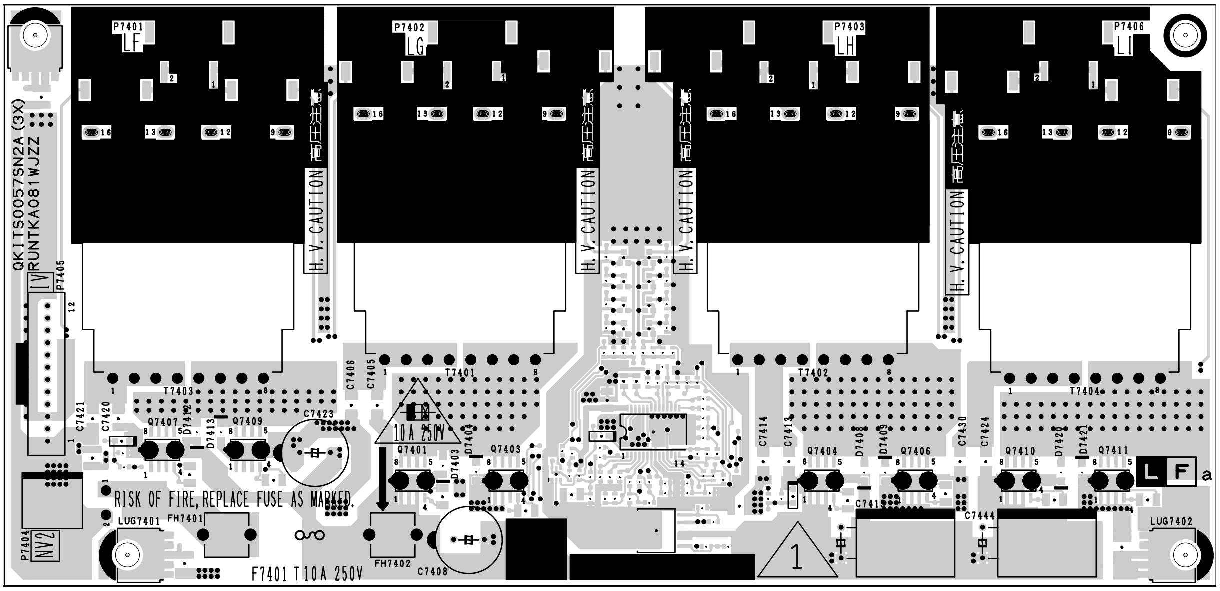
B

(Chip Parts Side)

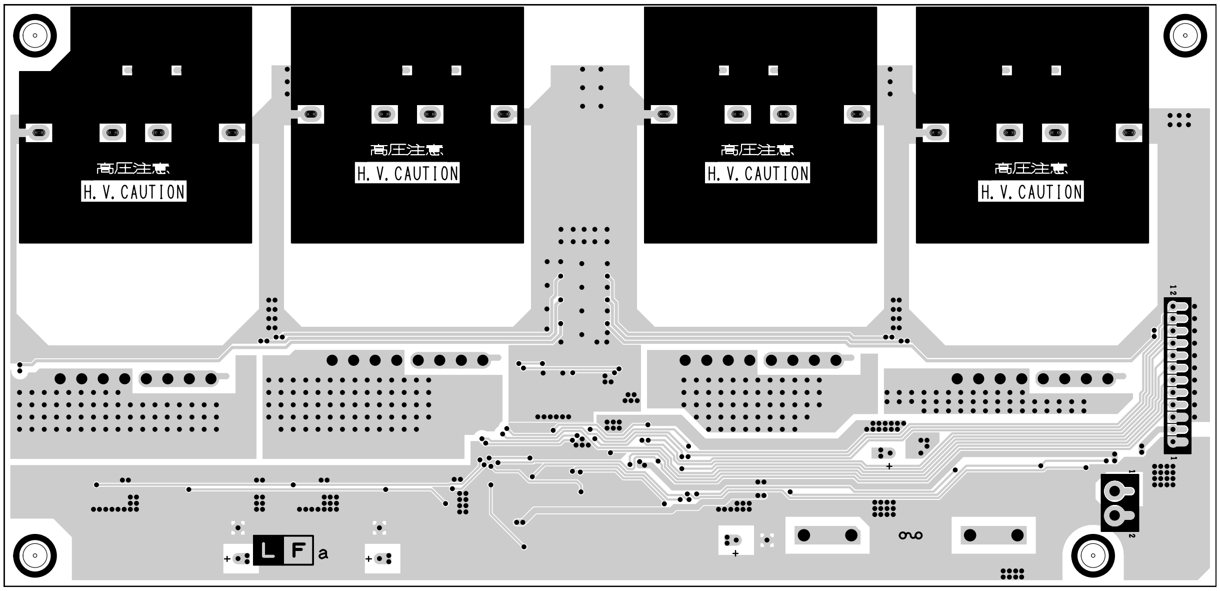
A

1 2 3 4 5 6

■ INVERTER-B Unit
(LC-37GD1E)

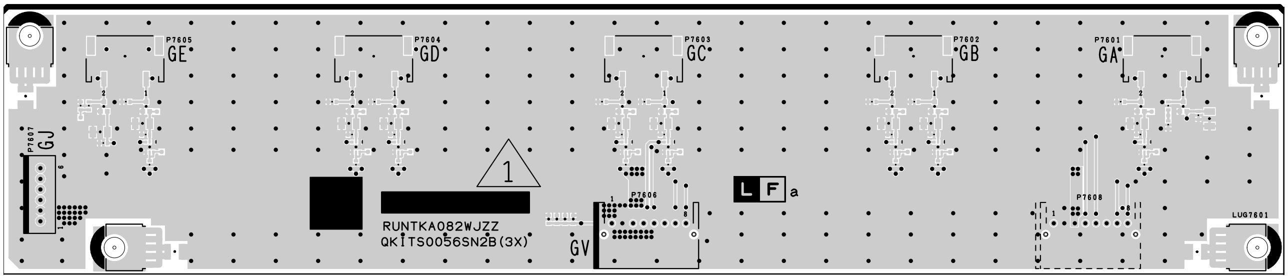

P7401
LF
P7402
LG
P7403
LH
P7406
LI
高圧注意
H.V.CAUTION
QKITS0057SN2A(3X)
RUNTKA081WJZZ
P7405
IV
T7401
T7402
T7403
T7404
C7406
C7405
C7421
C7420
C7423
Q7407
D7412
D7413
Q7409
Q7401
D7402
D7403
Q7403
C7414
C7413
Q7404
D7408
D7409
Q7406
C7430
C7424
Q7410
D7420
D7421
Q7411
C7410
C7444
LUG7401
FH7401
FH7402
LUG7402
P7404
NV2
10A 250V
RISK OF FIRE, REPLACE FUSE AS MARKED.
F7401 T10A 250V
C7408
1
L F a

(Component Side)

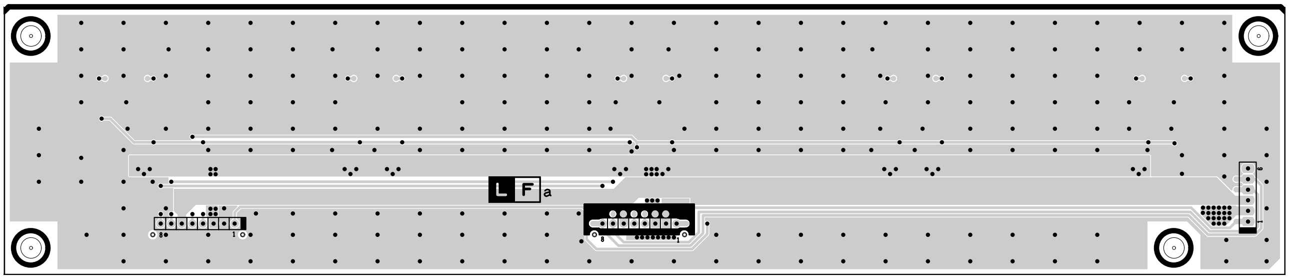

高圧注意
H.V.CAUTION
L F a

(Chip Parts Side)

INVERTER-A GND Unit (LC-37GD1E)

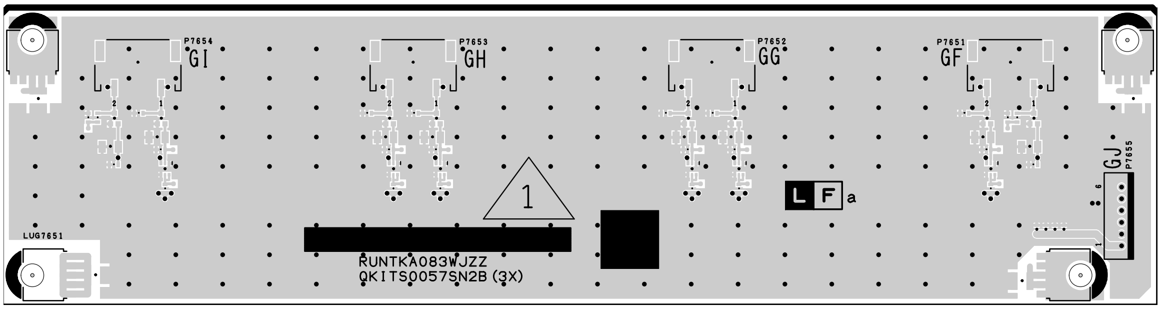

P7605
GE
P7604
GD
P7603
GC
P7602
GB
P7601
GA
P7607
GJ
1
RUNTKA082WJZZ
QKITS0056SN2B(3X)
GV
P7606
L F a
P7608
LUG7601

(Component Parts Side)

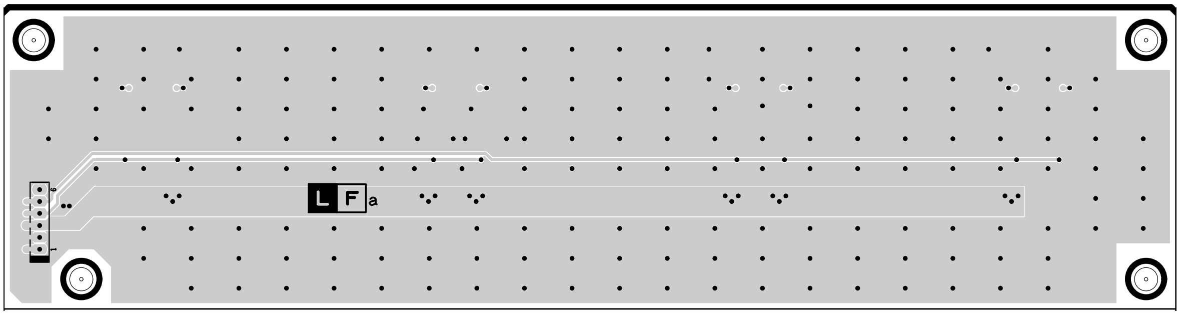


(Wiring Side)

INVERTER-B GND Unit (LC-37GD1E)


P7654
GI
P7653
GH
P7652
GG
P7651
GF
P7655
GJ
1
L F a
LUG7651
RUNTKA083WJZZ
QKITS0057SN2B (3X)

(Component Parts Side)



(Wiring Side)

H
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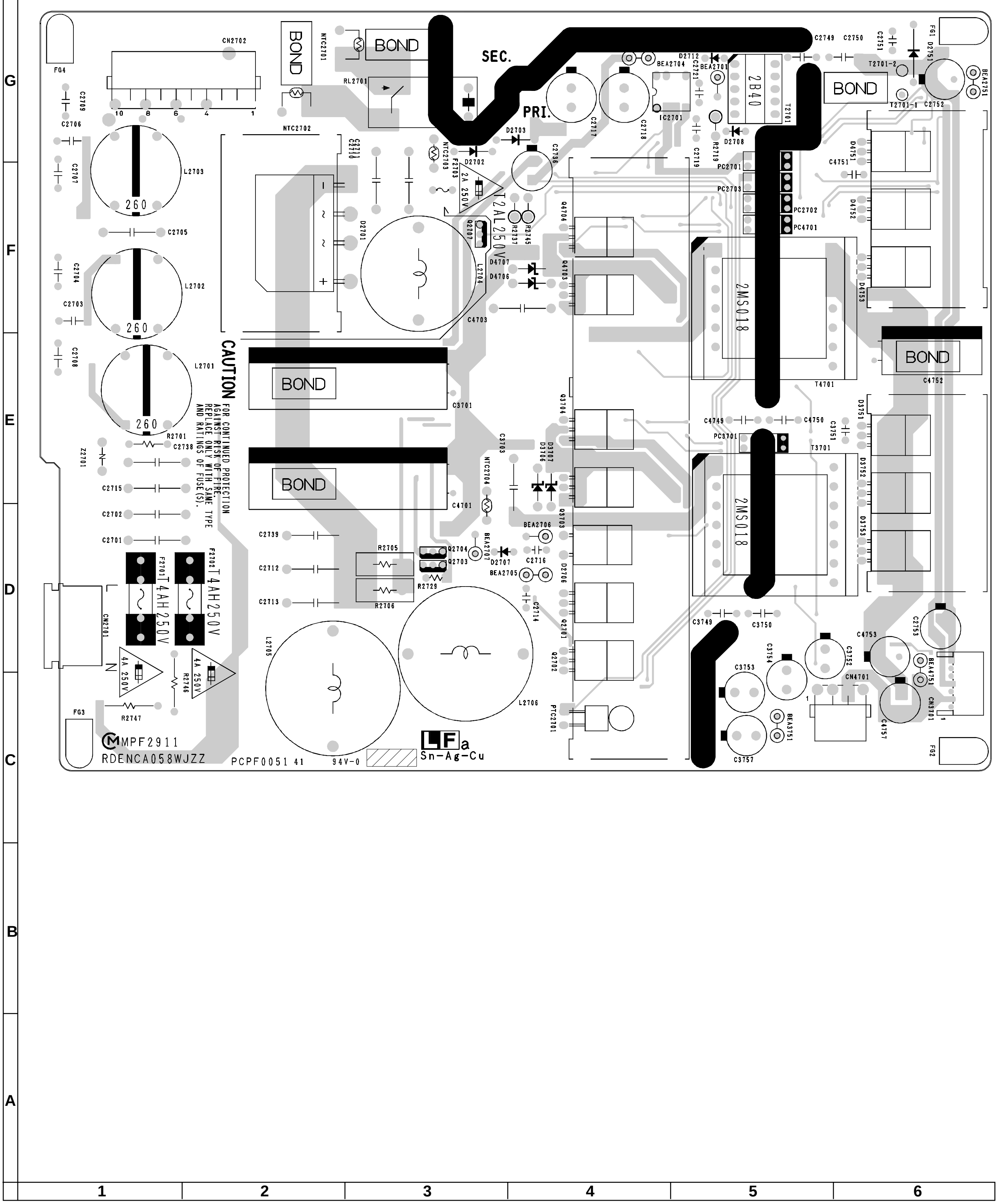
1 2 3 4 5 6

■ POWER SUPPLY Unit

(Side-A)


H
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SEC.
PRI.
BOND
CAUTION FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATINGS OF FUSE(S).
CN2702
CN2701
CN4701
CN3701
NTC2701
NTC2702
NTC2703
NTC2704
RL2701
F2701
F2702
F2703
T4AH250V
T2AL250V
4A 250V
2A 250V
L2701
L2702
L2703
L2704
L2705
L2706
260
D2701
D2702
D2703
D2707
D2708
D2712
IC2701
2B40
T2701
T4701
T3701
2MS018
PC2701
PC2702
PC2703
PC4701
PC3701
Q2701
Q2702
Q2703
Q2704
Q2706
Q2707
Q3703
Q3704
Q4703
Q4704
BEA2701
BEA2704
BEA2705
BEA2706
BEA2751
BEA3751
BEA4751
C2701
C2702
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C3752
C3753
C3754
C3757
C4701
C4703
C4749
C4750
C4751
C4752
C4753
C4757
D3701
D3706
D3707
D3751
D3752
D3753
D4706
D4707
D4751
D4752
D4753
D2751
R2701
R2705
R2706
R2719
R2729
R2737
R2745
R2746
R2747
Z2701
PTC2701
T2701-1
T2701-2
FG1
FG2
FG3
FG4
MPF2911
RDENCA058WJZZ
PCPF0051 41
94V-0
LFa
Sn-Ag-Cu

H

G

F

E

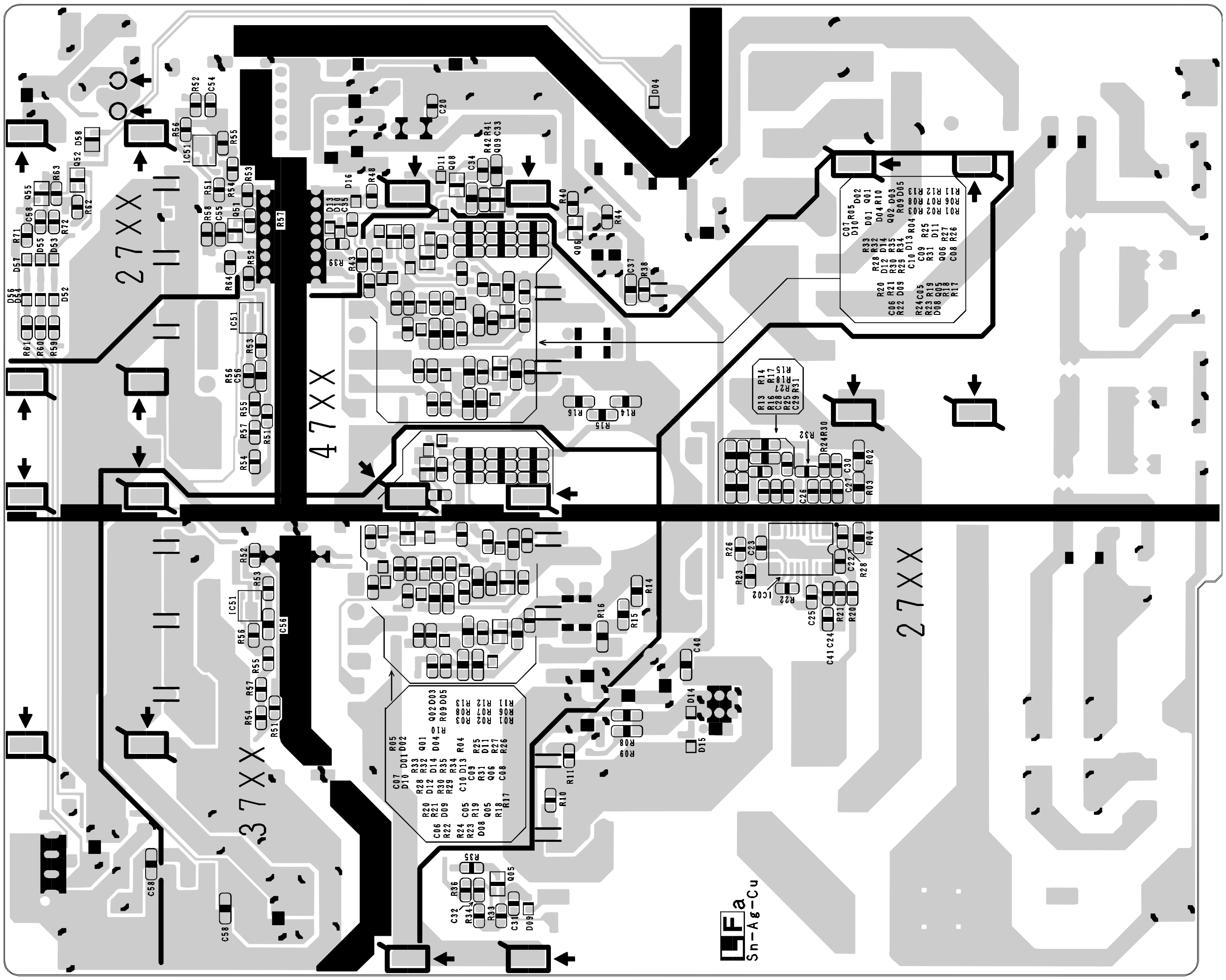
D

C

B

A

(Side-B)


27XX
47XX
37XX
27XX
LFa
Sn-Ag-Cu

1	2	3	4	5	6

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES *(NOT REPLACEMENT ITEM)*

LC-32GD1E

Ref. No.	Part No.	★	Description	Code
	DUNTKC268VJ18	J	LCD CONT Unit	CH
	DKEYHC269VJ20	J	TMDS RX Unit	BV
	DUNTKC274UJ03	–	KEY Unit	—
	DUNTKC275UJ03	–	R/C LED Unit	—
	DUNTKC276UJ03	–	MOTOR SP Unit	—
	RDENCA059WJZZ	–	POWER SUPPLY Unit	—
	RUNTKA069WJZZ	–	INVERTER-A Unit	—
	RUNTKA070WJZZ	–	INVERTER-B Unit	—
	RUNTKA071WJZZ	–	INVERTER-A GND Unit	—
	RUNTKA072WJZZ	–	INVERTER-B GND Unit	—

LC-37GD1E

Ref. No.	Part No.	★	Description	Code
	DUNTKC268VJ17	J	LCD CONT Unit	CH
	DKEYHC269VJ19	J	TMDS RX Unit	BU
	DUNTKC274UJ03	–	KEY Unit	—
	DUNTKC275UJ03	–	R/C LED Unit	—
	DUNTKC276UJ03	–	MOTOR SP Unit	—
	RDENCA059WJZZ	–	POWER SUPPLY Unit	—
	RUNTKA080WJZZ	–	INVERTER-A Unit	—
	RUNTKA081WJZZ	–	INVERTER-B Unit	—
	RUNTKA082WJZZ	–	INVERTER-A GND Unit	—
	RUNTKA083WJZZ	–	INVERTER-B GND Unit	—

LCD PANEL

NOTE : THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT EPENDENTLY.

Ref. No.	Part No.	★	Description	Code
	RLCDTA028WJZZ	J	32" Wide LCD Panel Unit (LC-32GD1E)	ER
	RLCDTA027WJZZ	J	37" Wide LCD Panel Unit (LC-37GD1E)	FS

DUNTKC268VJ18 (LC-32GD1E)

DUNTKC268VJ17 (LC-37GD1E)

LCD CONT Unit

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2001	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC2003	VHiLTC1694C-1Y	J	LTC1694CS5#TR	AM
IC2004	RH-iXA870WJN4Q	J	HD64F3687H	
IC2010	VHiM62392FP-1Y	J	M62392FP	AM
IC2014	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC2015	VHiSN2G66CT-1Y	J	SN74AHC2G66HDC	AE
IC2016	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2017	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC4101	RH-iXA706WJZZQ	J	IR3E12M1	AN
IC4102	VHiNJM4580V-1Y	J	NJM4580V	AE
IC4107	VHiLP2951CM-1Y	J	LP2951CMX	AL
IC4108	VHiPQ1CZ41H-1Y	J	PQ1CZ41H2ZP	AG
IC4109	VHiLT1615ES-1Y	J	LT1615ES5	AP
IC4114	VHiLT1617ES-1Y	J	LT1617ES5	AP
IC4116	VHiLTC1872+-1Y	J	LTC1872ES6	AR
IC4501	RH-iXA865WJZZQ	J	XC3S200-4FT256	BH
IC4502	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4503	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4505	RH-iXA866WJN3Y	J	I.C.(LC-37GD1E)	AX
IC4505	RH-iXA962WJN3Y	J	I.C.(LC-32GD1E)	AX
IC4506	VHiPST3629N-1Y	J	PST3629NR	AD
IC4601	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC4602	VHiTLVD824+-1Q	J	THC63LVD824	AY
IC4701	RH-iXA332WJZZQ	J	XC2S150-5PQ208	BM
IC4702	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC4901	RH-iXA332WJZZQ	J	XC2S150-5PQ208	BM
IC4902	RH-iXA312WJN1Q	J	MT48LC2M32B2TG	AX
IC7701	VHiAN8005M/-1Y	J	AN8005M	AD
IC7702	VHiPQ20WZ11-1Y	J	PQ20WZ1U	AF
IC7703	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7704	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7705	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC7706	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7709	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC7710	VHiPQ015YZ5-1Y	J	PQ015YZ5MZP	AF
IC7711	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH

Note: When replacing the following parts, PWB replacement correspondence.

Ref. No.	Part No.	★	Description	Code
IC2002	—	J	M24128-BWMN6T	—
IC2008	—	J	BR24C08F-E2	—

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q2001	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2002	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2003	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2004	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2005	VS2SK536///-1Y	J	2SK536	AE
Q2006	VS2SK536///-1Y	J	2SK536	AE
Q2007	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2008	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q2009	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2010	VSDTC114EE/-1Y	J	DTC114EE	AB
Q2012	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2013	VS2SK536///-1Y	J	2SK536	AE
Q2014	VS2SK536///-1Y	J	2SK536	AE
Q4101	VS2SD1664Q+-1Y	J	2SD1664Q	AC
Q4103	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q4104	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4105	VSTP0610T++-1Y	J	TP0610T	AD
Q4106	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4108	VS2SK1826++-1Y	J	2SK1826	AC
Q4109	VS2SK1826++-1Y	J	2SK1826	AC
Q4110	VSSi4884DY+-1Y	J	SI4884DY-T1	AG
Q4112	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q7702	VSDTA114EE/-1Y	J	DTA114EE	AB
Q7703	VSDTC114EE/-1Y	J	DTC114EE	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D2002	VHD1SS355//-1Y	J	1SS355	AB

DUNTKC268VJ18 (LC-32GD1E)
DUNTKC268VJ17 (LC-37GD1E)
LCD CONT Unit (Continued)

Ref. No.	Part No.	★	Description			Code
D2003	VHD1SS355//-1Y	J	1SS355			AB
D2004	VHDMA157A//-1Y	J	MA157A			AC
D2005	VHD1SS355//-1Y	J	1SS355			AB
D4101	VHDHSU119//-1Y	J	HSU119			AB
D4102	VHDSFPB74//2EY	J	SFPB74			AD
D4103	VHDHSU119//-1Y	J	HSU119			AB
D4104	VHDHSU119//-1Y	J	HSU119			AB
D4105	VHDSFPB54//2EY	J	SFPB54			AC
D4106	RH-EX1274CEZZY	J	Zener Diode			AB
D4107	VHDHSU119//-1Y	J	HSU119			AB
D4108	VHDSFPB54//2EY	J	SFPB54			AC
D4109	VHDSFPB74//2EY	J	SFPB74			AD
D4110	VHDDA221///-1Y	J	DA221			AB
D4501	VHDDAN222//-1Y	J	DAN222			AA
D4601	VHD1SS355//-1Y	J	1SS355			AB
D7703	VHDHSU119//-1Y	J	HSU119			AB
D7704	VHDSFPB54//2EY	J	SFPB54			AC
D7705	VHDSFPB54//2EY	J	SFPB54			AC
D7707	VHDSFPB54//2EY	J	SFPB54			AC
D7710	VHDHSU119//-1Y	J	HSU119			AB
D7711	VHDDAN222//-1Y	J	DAN222			AA
D7712	VHDSC8024//-1Y	J	SC8024			AC
D7713	VHDSC8024//-1Y	J	SC8024			AC
D7714	VHDSFPB54//2EY	J	SFPB54			AC
D7715	VHDDAN222//-1Y	J	DAN222			AA

PACKAGED CIRCUITS

X2001	RCRSC0032TAZZY	J	Crystal	AG
X4501	RCRSZA025WJZZY	J	Crystal	AM

FILTERS

FL2001	RFiLZ0169TAZZY	J	Filter	AD
FL4103	RFiLNA002WJZZY	J	Filter	AD
FL4651	RFiLNA002WJZZY	J	Filter	AD
FL4652	RFiLNA002WJZZY	J	Filter	AD
FL4653	RFiLNA002WJZZY	J	Filter	AD
FL4654	RFiLNA002WJZZY	J	Filter	AD

COILS

L4101	RCiLP0343TAZZY	J	Coil	AD
L4102	RCiLCA039WJZZY	J	Coil	AF
L4103	RCiLP0355TAZZY	J	Coil	AD
L4104	RCiLP0343TAZZY	J	Coil	AD
L4105	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L4106	RCiLPA001WJZZY	J	Coil	AF
L4107	VPBWM220K1R2NY	J	Peaking, 22µH	AC
L4108	VPBWM220K1R2NY	J	Peaking, 22µH	AC
L4109	RCiLP0343TAZZY	J	Coil	AD
L4110	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L7701	RCiLP0343TAZZY	J	Coil	AD
L7702	RCiLP0303TAZZY	J	Coil	AG
L7704	RCiLP0301TAZZY	J	Coil	AF
L7707	RCiLP0343TAZZY	J	Coil	AD
L7708	RCiLP0343TAZZY	J	Coil	AD
L7710	RCiLP0343TAZZY	J	Coil	AD
L7711	RCiLP0305TAZZY	J	Coil	AE
L7712	RCiLP0305TAZZY	J	Coil	AE
L7713	RCiLP0343TAZZY	J	Coil	AD

CAPACITORS

C2001	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2003	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2004	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2005	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2006	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2007	VCCCCY1HH220JY	J	22p	50V	Ceramic	AA
C2009	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2010	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2012	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2013	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C2014	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2015	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2016	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2017	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2019	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2020	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2021	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2022	VCEASX1CN107MY	J	100	16V	Electrolytic	AC
C2023	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2024	VCCCCY1HH102JY	J	1000p	50V	Ceramic	AB
C2025	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C2032	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2033	VCKYCY0JB105KY	J	1	6.3V	Ceramic	AC
C2034	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2035	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C2036	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4101	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4103	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4106	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4108	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4109	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4110	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4112	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4114	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4115	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4116	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4117	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4119	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4120	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C4122	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4124	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4126	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4129	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4130	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4131	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4135	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4136	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4137	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4138	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C4139	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4141	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4142	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4145	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4146	VCAAPF1CJ396MY	J	39	16V	Electrolytic	AF
C4153	RC-KZA097WJZZY	J	1	16V	Ceramic	AD
C4155	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4156	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4159	VCEASY1EN476MY	J	47	25V	Electrolytic	AC
C4160	VCEASY1HN106MY	J	10	50V	Electrolytic	AC
C4161	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4162	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C4163	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4164	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C4165	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4166	VCCCCY1HH221JY	J	220p	50V	Ceramic	AA
C4168	RC-KZ0053TAZZY	J	10	10V	Ceramic	AD
C4169	VCAAPF1DJ396MY	J	39	20V	Electrolytic	AF
C4170	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4174	RC-KZ0053TAZZY	J	10	10V	Ceramic	AD
C4176	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4177	VCAAPF1DJ226MY	J	22	20V	Electrolytic	AF
C4179	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4180	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C4181	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4183	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4184	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4192	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C4195	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4196	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4197	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4501	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG

DUNTKC268VJ18 (LC-32GD1E)
DUNTKC268VJ17 (LC-37GD1E)
LCD CONT Unit(Continued)

Ref. No.	Part No.	★	Description	Code
C4502	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4503	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4504	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4505	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4506	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4507	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4508	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4509	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4510	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4511	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4512	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4513	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4514	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4515	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4516	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4518	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C4519	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4520	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4521	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4522	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4523	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4524	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4525	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4526	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4527	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4528	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4529	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4530	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4531	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4532	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4533	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C4534	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4535	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4536	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4537	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4538	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4539	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4540	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4601	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C4602	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C4603	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4604	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C4605	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4606	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4607	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4608	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4609	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4610	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4611	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4612	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4613	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4614	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4615	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4616	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4617	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4618	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4619	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4620	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4621	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4651	VCAAPF0JJ107MY	J	100 6.3V Electrolytic	AF
C4652	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4653	VCAAPF1DJ226MY	J	22 20V Electrolytic	AF
C4654	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4655	VCAAPF0JJ107MY	J	100 6.3V Electrolytic	AF
C4656	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4657	VCAAPF1DJ226MY	J	22 20V Electrolytic	AF
C4658	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4701	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4702	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4703	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4704	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4705	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4706	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4707	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4708	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4709	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4710	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4711	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4712	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4713	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4714	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4715	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4716	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4717	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4718	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4719	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4720	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4721	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4722	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4723	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4724	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4725	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4726	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4727	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4728	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4729	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4730	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4731	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4732	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4901	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4902	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4903	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4904	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4905	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4906	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4907	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4908	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4909	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4910	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4911	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4912	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4913	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4914	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4915	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4916	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4917	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4918	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4919	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4920	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4921	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4922	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4923	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4924	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4925	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4926	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4927	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4928	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4933	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4934	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4935	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4936	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7701	VCEASX1CN107MY	J	100 16V Electrolytic	AC
C7702	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7703	VCEASX1CN226MY	J	22 16V Electrolytic	AC
C7704	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7705	VCEASY1EN107MY	J	100 25V Electrolytic	AC
C7706	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7707	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C7708	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7709	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C7710	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7712	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7713	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7715	VCCCCY1HH681JY	J	680p 50V Ceramic	AB

DUNTKC268VJ18 (LC-32GD1E)
DUNTKC268VJ17 (LC-37GD1E)
LCD CONT Unit(Continued)

Ref. No.	Part No.	★	Description	Code
C7720	VCEASY1CN337MY	J	330 16V Electrolytic	AD
C7721	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7722	VCEASY1EN477MY	J	470 25V Electrolytic	AE
C7723	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7724	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7726	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7728	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7729	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7730	VCKYCY1CF334ZY	J	0.33 16V Ceramic	AB
C7731	VCKYCY1CF334ZY	J	0.33 16V Ceramic	AB
C7732	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C7733	VCEASY1EN107MY	J	100 25V Electrolytic	AC
C7734	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7735	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7736	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2002	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2003	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2004	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2005	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2006	VRS-CJ1JF333JY	J	33k 1/16W Metal Oxide	AA
R2007	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2008	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2009	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2010	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2011	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2012	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2013	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R2014	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2016	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide (LC-32GD1E)	AA
R2017	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R2018	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R2019	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2020	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2021	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2022	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2023	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2024	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2025	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2026	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2027	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2028	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2030	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2031	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2035	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2036	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2037	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2038	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2039	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2040	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2041	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2042	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2043	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2044	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2045	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2046	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2047	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R2048	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2049	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2050	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R2051	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2052	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2053	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2054	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2055	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2056	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2060	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2061	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2062	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2063	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2064	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2065	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2066	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2068	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2070	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2072	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2073	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2074	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2075	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R2076	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2077	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2078	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2079	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2080	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2081	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2083	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2084	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2085	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2086	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2087	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2088	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2089	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2092	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2093	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2095	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2600	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2604	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2605	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2606	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2612	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2613	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R2614	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2618	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2620	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2623	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4101	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4102	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R4103	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R4109	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4112	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R4113	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4114	VRS-CY1JF623FY	J	62k 1/16W Metal Oxide (LC-32GD1E)	AA
R4114	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide (LC-37GD1E)	AA
R4115	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4118	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide	AA
R4119	VRS-CY1JF362FY	J	3.6k 1/16W Metal Oxide (LC-37GD1E)	AA
R4119	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide (LC-32GD1E)	AA
R4120	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4121	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4122	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4123	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4124	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R4125	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4126	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4129	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4130	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4132	VRS-CY1JF753FY	J	75k 1/16W Metal Oxide (LC-37GD1E)	AA
R4132	VRS-CY1JF913FY	J	91k 1/16W Metal Oxide (LC-32GD1E)	AA
R4133	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-37GD1E)	AA
R4133	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide (LC-32GD1E)	AA
R4134	VRS-CY1JF221FY	J	220 1/16W Metal Oxide (LC-32GD1E)	AA
R4134	VRS-CY1JF751FY	J	750 1/16W Metal Oxide (LC-37GD1E)	AA
R4135	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA

DUNTKC268VJ18 (LC-32GD1E)
DUNTKC268VJ17 (LC-37GD1E)
LCD CONT Unit(Continued)

Ref. No.	Part No.	★	Description	Code
R4136	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide (LC-32GD1E)	AA
R4136	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide (LC-37GD1E)	AA
R4137	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide (LC-32GD1E)	AA
R4137	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-37GD1E)	AA
R4138	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide (LC-37GD1E)	AA
R4138	VRS-CY1JF160FY	J	16 1/16W Metal Oxide (LC-32GD1E)	AA
R4139	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4140	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide (LC-32GD1E)	AA
R4140	VRS-CY1JF623FY	J	62k 1/16W Metal Oxide (LC-37GD1E)	AA
R4141	VRS-CY1JF183FY	J	18k 1/16W Metal Oxide (LC-32GD1E)	AA
R4141	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-37GD1E)	AA
R4142	VRS-CY1JF101FY	J	100 1/16W Metal Oxide (LC-32GD1E)	AD
R4142	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide (LC-37GD1E)	AA
R4143	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide (LC-32GD1E)	AA
R4143	VRS-CY1JF563FY	J	56k 1/16W Metal Oxide (LC-37GD1E)	AA
R4144	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide (LC-32GD1E)	AA
R4144	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-37GD1E)	AA
R4145	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide (LC-37GD1E)	AA
R4145	VRS-CY1JF431FY	J	430 1/16W Metal Oxide (LC-32GD1E)	AA
R4146	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4147	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4148	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide (LC-32GD1E)	AA
R4148	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide (LC-37GD1E)	AA
R4149	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-32GD1E)	AA
R4149	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide (LC-37GD1E)	AA
R4150	VRS-CY1JF221FY	J	220 1/16W Metal Oxide (LC-37GD1E)	AA
R4150	VRS-CY1JF391FY	J	390 1/16W Metal Oxide (LC-32GD1E)	AA
R4151	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4152	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide (LC-37GD1E)	AA
R4152	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide (LC-32GD1E)	AA
R4153	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide (LC-37GD1E)	AA
R4153	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide (LC-32GD1E)	AA
R4154	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide (LC-37GD1E)	AA
R4154	VRS-CY1JF431FY	J	430 1/16W Metal Oxide (LC-32GD1E)	AA
R4156	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4157	VRS-CY1JF163FY	J	16k 1/16W Metal Oxide (LC-32GD1E)	AA
R4157	VRS-CY1JF563FY	J	56k 1/16W Metal Oxide (LC-37GD1E)	AA
R4158	VRS-CY1JF183FY	J	18k 1/16W Metal Oxide (LC-32GD1E)	AA
R4158	VRS-CY1JF623FY	J	62k 1/16W Metal Oxide (LC-37GD1E)	AA
R4159	VRS-CY1JF362FY	J	3.6k 1/16W Metal Oxide (LC-37GD1E)	AA
R4159	VRS-CY1JF681FY	J	680 1/16W Metal Oxide (LC-32GD1E)	AA
R4160	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4161	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4162	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-32GD1E)	AA
R4162	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide (LC-37GD1E)	AA
R4163	VRS-CY1JF563FY	J	56k 1/16W Metal Oxide (LC-32GD1E)	AA
R4163	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide (LC-37GD1E)	AA
R4164	VRS-CY1JF331FY	J	330 1/16W Metal Oxide (LC-37GD1E)	AA
R4164	VRS-CY1JF621FY	J	620 1/16W Metal Oxide (LC-32GD1E)	AA
R4165	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4166	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4167	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide (LC-32GD1E)	AA
R4167	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-37GD1E)	AA
R4168	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-32GD1E)	AA
R4168	VRS-CY1JF623FY	J	62k 1/16W Metal Oxide (LC-37GD1E)	AA
R4169	VRS-CY1JF391FY	J	390 1/16W Metal Oxide (LC-32GD1E)	AA
R4169	VRS-CY1JF471FY	J	470 1/16W Metal Oxide (LC-37GD1E)	AA
R4170	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide (LC-32GD1E)	AA
R4170	VRS-CY1JF183FY	J	18k 1/16W Metal Oxide (LC-37GD1E)	AA
R4171	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide (LC-32GD1E)	AA
R4171	VRS-CY1JF433FY	J	43k 1/16W Metal Oxide (LC-37GD1E)	AA
R4172	VRS-CY1JF111FY	J	110 1/16W Metal Oxide (LC-32GD1E)	AA
R4172	VRS-CY1JF911FY	J	910 1/16W Metal Oxide (LC-37GD1E)	AA
R4174	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide (LC-32GD1E)	AA
R4174	VRS-CY1JF183FY	J	18k 1/16W Metal Oxide (LC-37GD1E)	AA
R4175	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-32GD1E)	AA
R4175	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide (LC-37GD1E)	AA
R4176	VRS-CY1JF361FY	J	360 1/16W Metal Oxide (LC-32GD1E)	AA
R4176	VRS-CY1JF681FY	J	680 1/16W Metal Oxide (LC-37GD1E)	AA
R4177	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4178	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4179	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R4180	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide (LC-37GD1E)	AA
R4180	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide (LC-32GD1E)	AA
R4181	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4182	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4183	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide (LC-37GD1E)	AA
R4183	VRS-CY1JF183FY	J	18k 1/16W Metal Oxide (LC-32GD1E)	AA
R4184	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide (LC-32GD1E)	AA

DUNTKC268VJ18 (LC-32GD1E)
DUNTKC268VJ17 (LC-37GD1E)
LCD CONT Unit(Continued)

Ref. No.	Part No.	★	Description	Code
R4184	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide (LC-37GD1E)	AA
R4185	VRS-CY1JF330FY	J	33 1/16W Metal Oxide	AA
R4186	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4187	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4188	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4190	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide (LC-37GD1E)	AA
R4190	VRS-CY1JF563FY	J	56k 1/16W Metal Oxide (LC-32GD1E)	AA
R4191	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide (LC-32GD1E)	AA
R4191	VRS-CY1JF913FY	J	91k 1/16W Metal Oxide (LC-37GD1E)	AA
R4192	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide (LC-37GD1E)	AA
R4192	VRS-CY1JF623FY	J	62k 1/16W Metal Oxide (LC-32GD1E)	AA
R4193	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4194	VRS-CY1JF121JY	J	120 1/16W Metal Oxide	AA
R4196	VRS-CY1JF750FY	J	75 1/16W Metal Oxide	AA
R4198	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4199	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4200	VRS-CY1JF121FY	J	120 1/16W Metal Oxide (LC-32GD1E)	AA
R4200	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide (LC-37GD1E)	AA
R4201	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide (LC-37GD1E)	AA
R4201	VRS-CY1JF621FY	J	620 1/16W Metal Oxide (LC-32GD1E)	AA
R4202	VRS-CY1JF151FY	J	150 1/16W Metal Oxide (LC-32GD1E)	AA
R4202	VRS-CY1JF272FY	J	2.7k 1/16W Metal Oxide (LC-37GD1E)	AA
R4203	VRS-CY1JF121FY	J	120 1/16W Metal Oxide (LC-32GD1E)	AA
R4203	VRS-CY1JF751FY	J	750 1/16W Metal Oxide (LC-37GD1E)	AA
R4204	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4205	VRS-CY1JF471FY	J	470 1/16W Metal Oxide (LC-37GD1E)	AA
R4205	VRS-CY1JF820FY	J	82 1/16W Metal Oxide (LC-32GD1E)	AA
R4206	VRS-TV1JD102JY	J	1k 1/16W Metal Oxide	AA
R4210	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4211	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4212	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4216	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4217	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4218	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4219	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4220	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4221	VRS-TW2ED153JY	J	15k 1/4W Metal Oxide	AA
R4222	VRS-TW2ED562JY	J	5.6k 1/4W Metal Oxide	AB
R4223	RR-NZ0027TAZZY	J	0.056 1/2W	AC
R4224	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4225	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4226	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4227	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R4228	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4229	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4230	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R4231	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R4233	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4234	VRS-CY1JF154FY	J	150k 1/16W Metal Oxide	AA
R4235	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4238	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4239	VRS-TW2ED682JY	J	6.8k 1/4W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code
R4244	VRS-TW2ED562JY	J	5.6k 1/4W Metal Oxide	AB
R4250	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4256	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4260	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4261	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4262	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4263	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4264	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4270	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4271	VRS-CY1JF911FY	J	910 1/16W Metal Oxide	AA
R4272	VRS-CY1JF243FY	J	24k 1/16W Metal Oxide	AA
R4273	VRS-CY1JF513JY	J	51k 1/16W Metal Oxide	AA
R4274	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4275	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4501	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4502	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4503	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4504	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4505	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4506	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4507	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4508	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4509	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4510	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4515	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R4516	VRS-CY1JF560JY	J	56 1/16W Metal Oxide	AA
R4517	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4524	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4525	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4526	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4531	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4532	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4534	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4535	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4536	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4538	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4543	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4544	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4545	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R4546	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4547	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4601	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4602	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4603	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4604	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4605	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4606	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4607	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4608	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4609	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4610	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AD
R4613	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4614	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4617	VRS-CH1JF330JY	J	33 1/16W Metal Oxide	AA
R4618	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4622	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4651	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4652	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4653	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4654	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4655	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4656	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4701	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4702	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4703	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4704	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4705	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4706	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4710	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4711	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4712	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4713	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4714	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4715	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4716	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4717	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC

DUNTKC268VJ18 (LC-32GD1E)
DUNTKC268VJ17 (LC-37GD1E)
LCD CONT Unit(Continued)

Ref. No.	Part No.	★	Description	Code
R4718	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4719	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4720	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4721	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4722	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4723	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4901	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4902	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4903	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4904	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4905	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4906	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4907	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4911	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4915	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4916	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4917	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4918	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4919	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4920	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4924	VRK-CD1JJ390JY	J	39 1/16W Metal Compo.	AC
R4925	VRS-CH1JF390JY	J	39 1/16W Metal Oxide	AA
R4926	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4929	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4930	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7701	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7702	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7704	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R7705	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7706	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7707	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R7708	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7709	VRS-CY1JF432FY	J	4.3k 1/16W Metal Oxide	AA
R7710	VRS-CY1JF753FY	J	75k 1/16W Metal Oxide	AA
R7711	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7712	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7713	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7714	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7715	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7716	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R7717	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7719	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7720	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7721	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7729	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R7730	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R7731	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R7732	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R7733	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R7734	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R7735	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R7736	VRS-CY1JF622FY	J	6.2k 1/16W Metal Oxide	AA
R7738	VRS-CJ1JF223JY	J	22k 1/16W Metal Oxide	AA
R7740	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7741	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R7742	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7743	VRS-CY1JF201FY	J	200 1/16W Metal Oxide	AA
R7744	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7745	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7746	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7747	VRS-TW2ED330JY	J	33 1/4W Metal Oxide	AA
R7748	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7749	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7750	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R7751	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7752	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2001	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2002	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2003	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2004	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2005	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2006	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2007	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2008	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2009	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2021	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2022	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2023	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB4101	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4102	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB4501	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4502	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4504	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4601	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB4602	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB4603	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB4701	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4702	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4901	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB4902	RBLN-0095CEZZY	J	Ferrite Bead	AD
FB7705	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7706	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7708	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7709	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7710	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB7711	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7712	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7713	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7716	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7717	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7718	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7719	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB7720	RBLN-0252TAZZY	J	Ferrite Bead	AA
P2001	QPLGN0544FJZZY	J	Plug, 7Pin	AD
P2002	QPLGNA059WJZZ	J	Plug, 5Pin	AC
P2004	QPLGNA048WJZZ	J	Plug, 9Pin	AC
P4501	QPLGN0547FJZZY	J	Plug, 10Pin	AE
P7704	QPLGNA062WJZZ	J	Plug, 8Pin	AC
P7705	QPLGNA066WJZZ	J	Plug, 12Pin	AD
P7706	QPLGN0175FJZZY	J	Plug, 3Pin	AC
P7708	QPLGN0175FJZZY	J	Plug, 3Pin	AC
P7709	QPLGNA047WJZZ	J	Plug, 8Pin	AC
SC2001	QSOCN0490FJZZY	J	Socket, 30Pin	AF
SC4601	QSOCN0491FJZZY	J	Socket, 33Pin	AF
SC4651	QSOCNA222WJZZY	J	Socket, 80Pin	AH
SC4652	QSOCNA222WJZZY	J	Socket, 80Pin	AH
LUG7701	QLUGHA006WJZZY	J	Lug	AC
LUG7702	QLUGHA006WJZZY	J	Lug	AC
LUG7703	QLUGHA006WJZZY	J	Lug	AC
LUG7704	QLUGHA006WJZZY	J	Lug	AC
LUG7705	QLUGHA006WJZZY	J	Lug	AC
LUG7706	QLUGHA006WJZZY	J	Lug	AC
	PSPAGA209WJZZ	J	Spacer, x2	AC

DKEYHC269VJ20 (LC-32GD1E)
DKEYHC269VJ19 (LC-37GD1E)
TMDS RX Unit

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2201	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC2203	VHi24LC21+14ES	J	24LC21	
IC2204	VHiPST9221N-1Y	J	PST9221NR	AE
IC2205	VHiPST9228N-1Y	J	PST9228NR	AE
IC2206	VHiSii861++-1Q	J	SII861CM208	BE
IC2301	VHiPQ1R33//-1Y	J	PQ1R33	AE
IC2302	VHiTLVD823+-1Q	J	THC63LVD823	AY
IC7801	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC7802	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH

Note: When replacing the following parts, PWB replacement correspondence.

Ref. No.	Part No.	★	Description	Code
IC2208	—	J	M24C32-WMN6T	—

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q2201	VSDTC114EE/-1Y	J	Transistor	AB
Q2202	VS2SK536///-1Y	J	Transistor	AE
Q2203	VSDTA114EE/-1Y	J	Transistor	AB
Q2204	VS2SK536///-1Y	J	Transistor	AE
Q2205	VSDTC114EE/-1Y	J	Transistor	AB
Q2206	VSDTC114EE/-1Y	J	Transistor	AB
Q2207	VSDTA114EE/-1Y	J	Transistor	AB
Q2208	VSDTC114EE/-1Y	J	Transistor	AB
Q2209	VS2SA1530AR-1Y	J	Transistor	AB
Q2210	VSDTC114EE/-1Y	J	Transistor	AB
Q2211	VSDTC114EE/-1Y	J	Transistor	AB
Q2212	VS2SA1530AR-1Y	J	Transistor	AB
Q2213	VSDTC114EE/-1Y	J	Transistor	AB
Q2214	VSDTC114EE/-1Y	J	Transistor	AB
Q2215	VSDTC114EE/-1Y	J	Transistor	AB
Q2216	VSDTA114EE/-1Y	J	Transistor	AB
Q2217	VS2SK536///-1Y	J	Transistor	AE
Q2218	VS2SK536///-1Y	J	Transistor	AE
Q2220	VSDTC114EE/-1Y	J	Transistor	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D2201	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2202	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2203	VHDDA221///-1Y	J	Diode	AB
D2204	VHDDAN202K/-1Y	J	Diode	AB
D2205	VHDDA221///-1Y	J	Diode	AB
D2206	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2207	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2208	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2209	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2210	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2211	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2212	VHDHSU119//-1Y	J	Diode	AB
D2213	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2214	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2215	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2216	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2217	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2218	VHDHSU119//-1Y	J	Diode	AB
D2219	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2220	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2225	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2226	RH-EX1249CEZZY	J	Zener Diode, 6.2V	AB
D2301	VHD1SS355//-1Y	J	Diode	AB
D7801	VHDSFPB54//2EY	J	Diode	AC
D7802	VHDSFPB54//2EY	J	Diode	AC

COIL AND TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
FL2201	RFiLNA087WJZZY	J	Filter	AD
FL2202	RFiLNA087WJZZY	J	Filter	AD
FL2203	RFiLNA087WJZZY	J	Filter	AD
FL2204	RFiLNA087WJZZY	J	Filter	AD
FL2205	RFiLNA087WJZZY	J	Filter	AD
FL2206	RFiLNA087WJZZY	J	Filter	AD
FL2207	RFiLNA087WJZZY	J	Filter	AD
FL2208	RFiLNA087WJZZY	J	Filter	AD
FL2209	RFiLNA087WJZZY	J	Filter	AD
FL2210	RFiLNA087WJZZY	J	Filter	AD
FL2211	RFiLNA087WJZZY	J	Filter	AD
FL2212	RFiLNA087WJZZY	J	Filter	AD
FL2213	RFiLNA087WJZZY	J	Filter	AD
FL2214	RFiLNA087WJZZY	J	Filter	AD
FL2215	RFiLNA087WJZZY	J	Filter	AD

COILS

Ref. No.	Part No.	★	Description	Code
L7801	RCiLP0302TAZZY	J	Coil, 150uH	AE
L7803	RCiLP0303TAZZY	J	Coil, 220uH	AG
L7804	RCiLP0343TAZZY	J	Coil, 10uH	AD

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C2201	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2203	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2204	VCEASX1EN336MY	J	33 25V Electrolytic	AC
C2205	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2206	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2207	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2208	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2209	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2210	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2213	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C2214	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2215	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2216	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2217	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2218	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2219	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2220	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2221	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2222	VCKYCY1HB682KY	J	6800p 50V Ceramic	AA
C2223	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2224	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2225	VCCCCY1HH471JY	J	470p 50V Ceramic	AA
C2227	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2228	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2229	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2230	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2231	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2232	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2233	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2234	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2235	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C2236	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2237	VCCCCY1HH471JY	J	470p 50V Ceramic	AA
C2242	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2243	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2244	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2245	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2247	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2248	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2249	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2250	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2251	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2252	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2253	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2254	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C2256	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2259	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2260	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2261	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2262	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2263	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2264	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2265	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C2266	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C2268	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2269	VCCCCY1HH331JY	J	330p 50V Ceramic	AA
C2270	VCCCCY1HH820JY	J	82p 50V Ceramic	AA
C2271	VCKYCY0JB105KY	J	1 6.3V Ceramic	AC
C2272	VCKYCY1AB474KY	J	0.47 10V Ceramic	AC
C2273	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

DKEYHC269VJ20 (LC-32GD1E)
DKEYHC269VJ19 (LC-37GD1E)
TMDS RX Unit (Continued)

Ref. No.	Part No.	★	Description	Code
C2274	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2275	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2276	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2277	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2278	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2279	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2280	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2281	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2282	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2301	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C2302	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C2303	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2304	VCEASX1CN476MY	J	47 16V Electrolytic	AC
C2305	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2306	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2307	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2308	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2309	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2310	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2311	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2312	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2313	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2314	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2315	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2316	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2317	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7801	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C7802	VCEASY1EN227MY	J	220 25V Electrolytic	AD
C7803	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7804	VCCCCY1HH681JY	J	680p 50V Ceramic	AB
C7805	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7806	VCEASY1CN477MY	J	470 16V Electrolytic	AD
C7807	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R2201	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2202	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2203	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2205	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2206	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2209	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2210	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2212	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2213	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2214	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2215	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2216	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2217	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2218	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2219	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2220	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2222	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2228	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2229	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2230	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R2231	VRS-CY1JF473FY	J	47k 1/16W Metal Oxide	AA
R2232	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2233	VRS-CY1JF100FY	J	10 1/16W Metal Oxide	AB
R2234	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2235	VRS-CY1JF100FY	J	10 1/16W Metal Oxide	AB
R2238	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2239	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R2240	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2242	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2244	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2245	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2246	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2247	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2248	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2249	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2251	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2252	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2253	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R2254	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R2256	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R2257	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R2258	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R2259	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R2260	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2261	VRS-CY1JF511JY	J	510 1/16W Metal Oxide	AA
R2262	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2264	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2265	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2266	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2267	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2268	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2269	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2270	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2273	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2274	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2275	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2276	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R2278	VRS-CY1JF332JY	J	3.3k 1/16W Metal Oxide	AA
R2281	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R2282	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R2283	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R2284	VRK-CD1JJ680JY	J	68 1/16W Metal Compo.	AC
R2285	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R2286	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R2291	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R2292	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2293	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2297	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2298	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2314	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2315	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2317	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2318	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R7801	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7802	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7803	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7804	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R7805	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7806	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7807	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R7808	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB2201	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2203	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2204	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2205	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2206	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2207	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB2209	RBLN-0006TAZZY	J	Ferrite Bead	AB
FB2211	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2212	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2218	RBLN-A005WJZZY	J	Ferrite Bead	AA
FB2302	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2303	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2304	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2305	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB2306	RBLN-0060TAZZY	J	Ferrite Bead	AB
FB7801	RBLN-0252TAZZY	J	Ferrite Bead	AA
FB7802	RBLN-0252TAZZY	J	Ferrite Bead	AA
J2201	QSOCDA016WJZZ	J	Socket, 8Pin	AG
P2201	QPLGNA043WJZZ	J	Plug, 4Pin	AB
P7801	QPLGNA046WJZZ	J	Plug, 7Pin	AC
P7802	QPLGNA047WJZZ	J	Plug, 8Pin	AC
SC2201	QSOCZA017WJZZ	J	Socket, 34Pin	AM
SC2202	QSOCZ2015CEZZ	J	Socket, 22Pin	AG
SC2203	QSOCN0490FJZZY	J	Socket, 30Pin	AF
SC2301	QSOCN0491FJZZY	J	Socket, 33Pin	AF
LUG2201	QLUGHA006WJZZY	J	Lug	AC
LUG2202	QLUGHA006WJZZY	J	Lug	AC

DUNTKC269VJ20 (LC-32GD1E)
DUNTKC269VJ19 (LC-37GD1E)
TMDS RX Unit(Continued)

Ref. No.	Part No.	★	Description	Code
LUG2203	QLUGHA006WJZZY	J	Lug	AC
LUG2204	QLUGHA006WJZZY	J	Lug	AC
LUG2205	QLUGHA006WJZZY	J	Lug	AC
LUG2206	QLUGHA006WJZZY	J	Lug	AC
X2201	RCRUAA034WJZZY	J	AL	AL
	GCOVAA685WJKA	J	Cover	AG

DUNTKC274UJ03
KEY Unit

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D151	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D152	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D153	RH-EXA092WJZZY	J	Zener Diode, 12V	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R151	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R152	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R153	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA

SWITCHES

Ref. No.	Part No.	★	Description	Code
S151	QSW-K0095CEZZ	J	CH (∧)	AB
S152	QSW-K0095CEZZ	J	CH (∨)	AB
S153	QSW-K0095CEZZ	J	INPUT	AB
S154	QSW-K0095CEZZ	J	VOL (+)	AB
S155	QSW-K0095CEZZ	J	VOL (–)	AB
S156	QSW-K0095CEZZ	J	POWER	AB
S157	QSW-P0591CEZZ	J	MAIN POWER	AQ

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P151	QPLGN0564TAZZY	J	Plug, 5Pin	AC
P153	QPLGNA007WJZZ	J	Plug, 10Pin	AE

DUNTKC275UJ03

R/C LED Unit

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC101	VHiTPS850++-1Y	J	TPS850	AG

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q102	VS2SC2712Y/-1Y	J	Transistor	AB
Q103	VS2SC2712Y/-1Y	J	Transistor	AB
Q104	VS2SC3928AR-1Y	J	Transistor	AB
Q105	VS2SC3928AR-1Y	J	Transistor	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D101	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D103	RH-PX0421CEZZY	J	PhotoDiode	AD

CAPACITORS]

Ref. No.	Part No.	★	Description	Code
C101	VCEASX0JN107MY	J	100 6.3V Electrolytic	AC
C102	VCKYTV1CF225ZY	J	2.2 16V Ceramic	AB
C104	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C105	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R101	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R104	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R105	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R106	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R108	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R109	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R117	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB201	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB202	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB203	RBLN-0210TAZZY	J	Ferrite Bead	AB
FB204	RBLN-0210TAZZY	J	Ferrite Bead	AB
P101	QPLGN0874TAZZY	J	Plug, 8Pin	AD
RMC101	RRMCU0239CEZZ	J	Remote Receiver	AG
SLD101	PSLDM4646CEFW	J	Shield	AD

DUNTKC276UJ03

MOTOR SP Unit

Ref. No.	Part No.	★	Description	Code
P202	QPLGNA058WJZZ	J	Plug	AC
P203	QTANAA005WJZZ	J	Terminal	AG

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POWER SUPPLY Unit

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC2701	95CH1151AS001	J	MIP0255SPSCF	AV
IC2702	95CH3151AC001	J	FA5502M-TE1	AZ
IC2751	95CH10Q3AQ001	J	TA76431	AL
IC3751	95CH10Q3AQ001	J	TA76431	AL
IC4751	95CH10Q3AQ001	J	TA76431	AL

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q2701	95CT2843KL001	J	2SK2843	AU
Q2702	95CT2843KL001	J	2SK2843	AU
Q2703	95CT1858DR001	J	2SD1858	AH
Q2704	95CT1237BR001	J	2SB1237	AH
Q2705	95CT1576AC002	J	2SA1576A	AD
Q2706	95CT4081CC002	J	2SC4081	AD
Q2707	95CT1443BR002	J	2SB1443 TV2	AL
Q2708	95CT1576AC002	J	2SA1576A	AD
Q2709	95CT4081CC002	J	2SC4081	AD
Q2751	95CT4081CC002	J	2SC4081	AD
Q2752	95CT1577AC002	J	2SA1577	AE
Q2755	95CT4081CC002	J	2SC4081	AD
Q3701	95CT4081CC002	J	2SC4081	AD
Q3702	95CT4081CC002	J	2SC4081	AD
Q3703	95CT3326KL002	J	2SK3326(2)	AQ
Q3704	95CT3326KL002	J	2SK3326(2)	AQ
Q3705	95CT4097CC002	J	2SC4097	AE
Q3706	95CT4097CC002	J	2SC4097	AE
Q4701	95CT4081CC002	J	2SC4081	AD
Q4702	95CT4081CC002	J	2SC4081	AD
Q4703	95CT3326KL002	J	2SK3326(2)	AQ
Q4704	95CT3326KL002	J	2SK3326(2)	AQ
Q4705	95CT4097CC002	J	2SC4097	AE
Q4706	95CT4097CC002	J	2SC4097	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D2701	95CD1132AL006	J	D25XB60	AU
D2702	95CD1057AQ006	J	ERA15-06	AE
D2703	95CD1057AQ006	J	ERA15-06	AE
D2704	95CD2095AQ008	J	1SS355	AD
D2706	95CD2172AL006	J	SF10L60U	AR
D2707	95CD2067AQ006	J	ERA22-06	AF
D2708	95CD2067AQ010	J	ERA22-10	AG
D2709	95CD4091AQ005	J	Zener Diode UDZ 3.0B	AF
D2710	95CD4091AQ025	J	Zener Diode UDZ 20B	AF
D2711	95CD2095AQ008	J	1SS355	AD
D2712	95CD2071AQ002	J	ERA92-02	AG
D2713	95CD4091AQ025	J	Zener Diode UDZ 20B	AF
D2714	95CD4091AQ028	J	Zener Diode UDZ 27B	AF
D2715	95CD2095AQ008	J	1SS355	AD
D2716	95CD4092AQ002	J	Zener Diode UDZS 5.6B	AE
D2751	95CD2005BQ206	J	ERC81-006	AL
D2752	95CD4092AQ002	J	Zener Diode UDZS 5.6B	AE
D2753	95CD2095AQ008	J	1SS355	AD
D2754	95CD4091AQ024	J	Zener Diode UDZ 18B	AF
D2755	95CD2095AQ008	J	1SS355	AD
D2756	95CD4091AQ024	J	Zener Diode UDZ 18B	AF
D2757	95CD2095AQ008	J	1SS355	AD
D2758	95CD3114AC004	J	MA1070000L	AF
D3701	95CD4092AQ007	J	Zener Diode UDZ S 9.1B	AE
D3702	95CD4092AQ004	J	Zener Diode UDZS 6.8B	AE
D3703	95CD2095AQ008	J	1SS355	AD
D3704	95CD2095AQ008	J	1SS355	AD
D3705	95CD2095AQ008	J	1SS355	AD
D3706	95CD4061AQ320	J	Zener Diode HZ-30CP	AG
D3707	95CD4061AQ320	J	Zener Diode HZ-30CP	AG
D3708	95CD4092AQ004	J	Zener Diode UDZS 6.8B	AE
D3709	95CD2095AQ008	J	1SS355	AD
D3710	95CD2095AQ008	J	1SS355	AD
D3711	95CD2095AQ008	J	1SS355	AD
D3712	95CD2095AQ008	J	1SS355	AD
D3713	95CD2095AQ008	J	1SS355	AD
D3714	95CD2095AQ008	J	1SS355	AD

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POWER SUPPLY Unit(Continued)

Ref. No.	Part No.	★	Description	Code
D3751	95CD2027BQ006	J	YG805C06R	AP
D3752	95CD2027BQ006	J	YG805C06R	AP
D3753	95CD2027BQ006	J	YG805C06R	AP
D4701	95CD4092AQ007	J	Zener Diode UDZ S 9.1B	AE
D4702	95CD4092AQ004	J	Zener Diode UDZS 6.8B	AE
D4703	95CD2095AQ008	J	1SS355	AD
D4704	95CD2095AQ008	J	1SS355	AD
D4705	95CD2095AQ008	J	1SS355	AD
D4706	95CD4061AQ320	J	Zener Diode HZ-30CP	AG
D4707	95CD4061AQ320	J	Zener Diode HZ-30CP	AG
D4708	95CD4092AQ004	J	Zener Diode UDZS 6.8B	AE
D4709	95CD2095AQ008	J	1SS355	AD
D4710	95CD2095AQ008	J	1SS355	AD
D4711	95CD2095AQ008	J	1SS355	AD
D4712	95CD2095AQ008	J	1SS355	AD
D4713	95CD2095AQ008	J	1SS355	AD
D4714	95CD2095AQ008	J	1SS355	AD
D4751	95CD2027BQ006	J	YG805C06R	AP
D4752	95CD2027BQ006	J	YG805C06R	AP
D4753	95CD2027BQ006	J	YG805C06R	AP
Z2701	95CD7058AQ471	J	Zener Diode ENC471	AG

COILS

Ref. No.	Part No.	★	Description	Code
⚠ L2701	95CL1197RS602	J	Coil SC-02-E60JH-A or SC-02-E60JKH	AQ
⚠ L2702	95CL1197RS602	J	Coil SC-02-E60JH-A or SC-02-E60JKH	AQ
⚠ L2703	95CL1197RS602	J	Coil SC-02-E60JH-A or SC-02-E60JKH	AQ
L2704	95CL1185RS640	J	Coil SN12-400JH	AR
L2705	95CL1184RS401	J	Coil SHB-03-401JH	AY
L2706	95CL1184RS401	J	Coil SHB-03-401JH	AY

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T2701	95CL2000BS040	J	2BS040	AT
⚠ T3701	95CL2000MS018	J	2MS018	AZ
⚠ T4701	95CL2000MS018	J	2MS018	AZ

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C2703	95CC1076QQ222	J	VA3 2200p Ceramic	AE
⚠ C2704	95CC1076QQ222	J	VA3 2200p Ceramic	AE
⚠ C2705	95CC2045QQ104	J	0.1(RE-C)AC250V Film	AF
⚠ C2706	95CC1076QQ102	J	VA3 1000p Ceramic	AE
⚠ C2707	95CC1076QQ102	J	VA3 1000p Ceramic	AE
⚠ C2708	95CC1076QQ222	J	VA3 2200p Ceramic	AE
⚠ C2709	95CC1076QQ102	J	VA3 1000p Ceramic	AE
C2710	95CC2047MQ224	J	0.22 450V Film	AN
C2711	95CC2047MQ224	J	0.22 450V Film	AN
C2712	95CC2047MQ224	J	0.22 450V Film	AN
C2713	95CC2047MQ224	J	0.22 450V Film	AN
C2714	95CC1101RR101	J	100p 1kV Ceramic	AD
⚠ C2715	95CC2045QQ104	J	0.1(RE-C) AC250V Film	AF
C2716	95CC1101RR101	J	100p 1kV Ceramic	AD
C2717	95CC3138YR100	J	10(KMQ) 450V Electrolytic	AM
C2718	95CC3138YR100	J	10(KMQ) 450V Electrolytic	AM
C2719	95CC10A9RQ102	J	1000p 1kV Ceramic	AE
C2720	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2721	95CC10B2SQ470	J	47p 2kV Ceramic	AD
C2722	95CC1095EQ473	J	0.047 50V Ceramic	AC
C2724	95CC1094EQ471	J	470p 50V Ceramic	AC
C2725	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2726	95CC1094EQ101	J	100p 50V Ceramic	AC
C2727	95CC1094EQ471	J	470p 50V Ceramic	AC
C2728	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2729	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2730	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2731	95CC1095EQ103	J	0.01 50V Ceramic	AC
C2732	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2733	95CC10Q0CQ105	J	1 25V Ceramic	AE
C2734	95CC10Q0CQ105	J	1 25V Ceramic	AE
C2735	95CC1094EQ102	J	1000p 50V Ceramic	AD

Ref. No.	Part No.	★	Description	Code
C2736	95CC30A0EQ221	J	220(ZL)50V Electrolytic	AK
C2737	95CC10Q0CQ105	J	1 25V Ceramic	AE
⚠ C2738	95CC2045QQ104	J	0.1(RE-C)AC250V Film	AF
C2739	95CC2047MQ224	J	0.22 450V Film	AN
C2741	95CC1095EQ104	J	0.1 50V Ceramic	AC
⚠ C2749	95CC1076QQ102	J	1000p VA3 Ceramic	AE
⚠ C2750	95CC1076QQ102	J	1000p VA3 Ceramic	AE
C2751	95CC10A9RQ102	J	1000p 1kV Ceramic	AE
C2752	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C2753	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C2754	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2755	95CC1095EQ104	J	0.1 50V Ceramic	AC
C2758	95CC1095EQ103	J	0.01 50V Ceramic	AC
C3701	95CC3042MQ820	J	82(KMG) 450V Electrolytic	AU
C3703	95CC2047MQ224	J	0.22 450V Film	AN
C3705	95CC1093AQ472	J	4700p 50V Ceramic	AE
C3706	95CC1094EQ222	J	2200p 50V Ceramic	AE
C3707	95CC1094EQ101	J	100p 50V Ceramic	AC
C3708	95CC1095EQ103	J	0.01 50V Ceramic	AC
C3709	95CC1093AQ472	J	4700p 50V Ceramic	AE
C3751	95CC10A9RQ102	J	1000p 1kV Ceramic	AE
C3752	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C3753	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C3754	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C3756	95CC10Q0CQ105	J	1 25V Ceramic	AE
C3757	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C3758	95CC10Q0CQ105	J	1 25V Ceramic	AE
C4701	95CC3042MQ820	J	82(KMG) 450V Electrolytic	AU
C4703	95CC2047MQ224	J	0.22 450V Film	AN
C4705	95CC1093AQ472	J	4700p 50V Ceramic	AE
C4706	95CC1094EQ222	J	2200p 50V Ceramic	AE
C4707	95CC1094EQ101	J	100p 50V Ceramic	AC
C4708	95CC1095EQ103	J	0.01 50V Ceramic	AC
C4709	95CC1093AQ472	J	4700p 50V Ceramic	AE
C4751	95CC10A9RQ102	J	1000p 1kV Ceramic	AE
C4752	95CC3135DS102	J	1000(ZL) 35V Electrolytic	AN
C4753	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C4754	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C4756	95CC10Q0CQ105	J	1 25V Ceramic	AE
C4757	95CC30A0DQ331	J	330(ZL)35V Electrolytic	AH
C4758	95CC10Q0CQ105	J	1 25V Ceramic	AE

RESISTORS

Ref. No.	Part No.	★	Description	Code
⚠ R2701	95CR1063BQ564	J	560k 1/2W Resistor	AD
R2702	95CR3133AC274	J	270k 1/4W Resistor	AC
R2703	95CR3133AC274	J	270k 1/4W Resistor	AC
R2704	95CR3133AC274	J	270k 1/4W Resistor	AC
R2705	95CR5101ELR22	J	0.22 3W Resistor	AM
R2706	95CR5101ELR22	J	0.22 3W Resistor	AM
R2708	95CR3131AC100	J	10 1/4W Resistor	AB
R2709	95CR3131AC100	J	10 1/4W Resistor	AB
R2710	95CR3121TC103	J	10k 1/8W Resistor	AB
R2711	95CR3121TC103	J	10k 1/8W Resistor	AB
R2713	95CR3136AC224	J	220k 1/4W Resistor	AC
R2714	95CR3136AC224	J	220k 1/4W Resistor	AC
R2715	95CR3136AC224	J	220k 1/4W Resistor	AC
R2716	95CR3136AC224	J	220k 1/4W Resistor	AC
R2717	95CR3136AC224	J	220k 1/4W Resistor	AC
R2718	95CR3136AC224	J	220k 1/4W Resistor	AC
R2719	95CR4051CQ104	J	100k 1W Resistor	AD
R2720	95CR3127TC270	J	27 1/10W Resistor	AC
R2721	95CR3127TC333	J	33k 1/10W Resistor	AC
R2722	95CR3121TC103	J	10k 1/8W Resistor	AB
R2723	95CR3121TC221	J	220 1/8W Resistor	AB
R2724	95CR3127TC183	J	18k 1/10W Resistor	AC
R2725	95CR3129TC224	J	220k 1/8W Resistor	AC
R2726	95CR3121TC221	J	220 1/8W Resistor	AB
R2727	95CR3127TC333	J	33k 1/10W Resistor	AC
R2728	95CR3127TC332	J	3.3k 1/10W Resistor	AC
R2729	95CR3062UQ101	J	100 1/6W Resistor(Fuse)	AE
R2730	95CR3217TC272	J	2.7k 1/10W Resistor	
R2731	95CR3127TC471	J	470 1/10W Resistor	AC
R2732	95CR3127TC222	J	2.2k 1/10W Resistor	AC
R2733	95CR3121TC472	J	4.7k 1/8W Resistor	AB
R2734	95CR3121TC472	J	4.7k 1/8W Resistor	AB
R2735	95CR3121TC103	J	10k 1/8W Resistor	AB

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POWER SUPPLY Unit(Continued)

Ref. No.	Part No.	★	Description	Code
R2736	95CR3121TC103	J	10k 1/8W Resistor	AB
R2737	95CR4051CQ222	J	2.2k 1W Resistor	AD
R2738	95CR3121TC103	J	10k 1/8W Resistor	AB
R2739	95CR3121TC103	J	10k 1/8W Resistor	AB
R2740	95CR3121TC103	J	10k 1/8W Resistor	AB
R2741	95CR3121TC473	J	47k 1/8W Resistor	AB
R2742	95CR3121TC473	J	47k 1/8W Resistor	AB
R2743	95CR3121TC103	J	10k 1/8W Resistor	AB
R2744	95CR3123TC104	J	100k 1/8W Resistor	AB
R2745	95CR4051CQ222	J	2.2k 1W Resistor	AD
R2746	95CR3079CQ395	J	3.9M 1W Resistor	AH
R2747	95CR3079CQ395	J	3.9M 1W Resistor	AH
R2748	95CR3121TC100	J	10 1/8W Resistor	AB
R2751	95CR3121TC221	J	220 1/8W Resistor	AB
R2752	95CR3121TC333	J	33k 1/8W Resistor	AB
R2753	95CR3121TC102	J	1k 1/8W Resistor	AB
R2754	95CR3127TC821	J	820 1/10W Resistor	AC
R2755	95CR3127TC392	J	3.9k 1/10W Resistor	AC
R2756	95CR3127TC332	J	3.3k 1/10W Resistor	AC
R2757	95CR3121TC102	J	1k 1/8W Resistor	AB
R2758	95CR3121TC103	J	10k 1/8W Resistor	AB
R2759	95CR3121TC102	J	1k 1/8W Resistor	AB
R2760	95CR3121TC102	J	1k 1/8W Resistor	AB
R2761	95CR3121TC102	J	1k 1/8W Resistor	AB
R2762	95CR3121TC103	J	10k 1/8W Resistor	AB
R2763	95CR3121TC102	J	1k 1/8W Resistor	AB
⚠ R2764	95CR3121TC102	J	1k 1/8W Resistor	AB
⚠ R2771	95CR3121TC103	J	10k 1/8W Resistor	AB
R2772	95CR3121TC472	J	4.7k 1/8W Resistor	AB
R3701	95CR3133AC474	J	470k 1/4W Resistor	AC
R3702	95CR3133AC474	J	470k 1/4W Resistor	AC
R3703	95CR3133AC474	J	470k 1/4W Resistor	AC
R3704	95CR3121TC393	J	39k 1/8W Resistor	AB
R3705	95CR3129TC104	J	100k 1/8W Resistor	AC
R3706	95CR3133AC474	J	470k 1/4W Resistor	AC
R3707	95CR3133AC474	J	470k 1/4W Resistor	AC
R3708	95CR3133AC474	J	470k 1/4W Resistor	AC
R3709	95CR3121TC223	J	22k 1/8W Resistor	AB
R3710	95CR3121TC333	J	33k 1/8W Resistor	AB
R3711	95CR3133AC474	J	470k 1/4W Resistor	AC
R3712	95CR3133AC474	J	470k 1/4W Resistor	AC
R3713	95CR3133AC474	J	470k 1/4W Resistor	AC
R3714	95CR3133AC184	J	180k 1/4W Resistor	AC
R3715	95CR3133AC184	J	180k 1/4W Resistor	AC
R3716	95CR3133AC184	J	180k 1/4W Resistor	AC
R3717	95CR3121TC223	J	22k 1/8W Resistor	AB
R3718	95CR3131AC471	J	470 1/4W Resistor	AB
R3719	95CR3121TC332	J	3.3k 1/8W Resistor	AB
R3720	95CR3127TC822	J	8.2k 1/10W Resistor	AC
R3721	95CR3127TC473	J	47k 1/10W Resistor	AC
R3722	95CR3127TC222	J	2.2k 1/10W Resistor	AC
R3723	95CR3131AC823	J	82k 1/4W Resistor	AB
R3725	95CR3121TC101	J	100 1/8W Resistor	AB
R3726	95CR3121TC273	J	27k 1/8W Resistor	AB
R3727	95CR3131AC000	J	0 1/4W Resistor	AB
R3728	95CR3121TC331	J	330 1/8W Resistor	AB
R3729	95CR3131AC222	J	2.2k 1/4W Resistor	AB
R3730	95CR3131AC222	J	2.2k 1/4W Resistor	AB
R3731	95CR3121TC332	J	3.3k 1/8W Resistor	AB
R3732	95CR3127TC562	J	5.6k 1/10W Resistor	AC
R3733	95CR3127TC393	J	39k 1/10W Resistor	AC
R3734	95CR3121TC222	J	2.2k 1/8W Resistor	AB
R3735	95CR3121TC561	J	560 1/8W Resistor	AB
R3751	95CR3121TC152	J	1.5k 1/8W Resistor	AB
R3752	95CR3121TC222	J	2.2k 1/8W Resistor	AB
R3753	95CR3121TC103	J	10k 1/8W Resistor	AB
R3754	95CR3127TC101	J	100 1/10W Resistor	AC
R3755	95CR3127TC392	J	3.9k 1/10W Resistor	AC
R3756	95CR3127TC102	J	1k 1/10W Resistor	AC
R3757	95CR3127TC102	J	1k 1/10W Resistor	AC
R4701	95CR3133AC474	J	470k 1/4W Resistor	AC
R4702	95CR3133AC474	J	470k 1/4W Resistor	AC
R4703	95CR3133AC474	J	470k 1/4W Resistor	AC
R4704	95CR3121TC393	J	39k 1/8W Resistor	AB
R4705	95CR3129TC104	J	100k 1/8W Resistor	AC
R4706	95CR3133AC474	J	470k 1/4W Resistor	AC
R4707	95CR3133AC474	J	470k 1/4W Resistor	AC
R4708	95CR3133AC474	J	470k 1/4W Resistor	AC
R4709	95CR3121TC223	J	22k 1/8W Resistor	AB
R4710	95CR3121TC333	J	33k 1/8W Resistor	AB
R4711	95CR3133AC474	J	470k 1/4W Resistor	AC
R4712	95CR3133AC474	J	470k 1/4W Resistor	AC
R4713	95CR3133AC474	J	470k 1/4W Resistor	AC
R4714	95CR3133AC184	J	180k 1/4W Resistor	AC
R4715	95CR3133AC184	J	180k 1/4W Resistor	AC
R4716	95CR3133AC184	J	180k 1/4W Resistor	AC
R4717	95CR3121TC223	J	22k 1/8W Resistor	AB
R4718	95CR3131AC471	J	470 1/4W Resistor	AB
R4719	95CR3121TC332	J	3.3k 1/8W Resistor	AB
R4720	95CR3127TC822	J	8.2k 1/10W Resistor	AC
R4721	95CR3127TC473	J	47k 1/10W Resistor	AC
R4722	95CR3127TC222	J	2.2k 1/10W Resistor	AC
R4723	95CR3131AC823	J	82k 1/4W Resistor	AB
R4725	95CR3121TC101	J	100 1/8W Resistor	AB
R4726	95CR3121TC273	J	27k 1/8W Resistor	AB
R4727	95CR3131AC000	J	0 1/4W Resistor	AB
R4728	95CR3121TC331	J	330 1/8W Resistor	AB
R4729	95CR3131AC222	J	2.2k 1/4W Resistor	AB
R4730	95CR3131AC222	J	2.2k 1/4W Resistor	AB
R4731	95CR3121TC332	J	3.3k 1/8W Resistor	AB
R4732	95CR3127TC562	J	5.6k 1/10W Resistor	AC
R4733	95CR3127TC393	J	39k 1/10W Resistor	AC
R4734	95CR3121TC222	J	2.2k 1/8W Resistor	AB
R4735	95CR3121TC561	J	560 1/8W Resistor	AB
R4751	95CR3121TC152	J	1.5k 1/8W Resistor	AB
R4752	95CR3121TC222	J	2.2k 1/8W Resistor	AB
R4753	95CR3121TC103	J	10k 1/8W Resistor	AB
R4754	95CR3127TC101	J	100 1/10W Resistor	AC
R4755	95CR3127TC392	J	3.9k 1/10W Resistor	AC
R4756	95CR3127TC102	J	1k 1/10W Resistor	AC
R4757	95CR3127TC102	J	1k 1/10W Resistor	AC

RERAY

Ref. No.	Part No.	★	Description	Code
⚠ RL2701	95CK3107AS001	J	Relay FTR-H1AA005T	AV

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F2701	95CK7018AQ4R0	J	Fuse, AC250V 4.0AH 215	AH
⚠ F2702	95CK7018AQ4R0	J	Fuse, AC250V 4.0AH 215	AH
⚠ F2703	95CK7101AR2R0	J	Fuse, AC250V 2.0A (382)	AK
FH1	95CM8050AQ001	J	Fuse Holder, TP00351-51	AD
FH2	95CM8050AQ001	J	Fuse Holder, TP00351-51	AD
FH3	95CM8050AQ001	J	Fuse Holder, TP00351-51	AD
FH4	95CM8050AQ001	J	Fuse Holder, TP00351-51	AD
BEA2701	95CL5051AQ001	J	BL02RN1-R62 T2, Ferrite Beads	AD
BEA2706	95CL5051AQ001	J	BL02RN1-R62 T2, Ferrite Beads	AD
BEA2707	95CL5051AQ001	J	BL02RN1-R62 T2, Ferrite Beads	AD
BEA2704	95CL5051AQ002	J	BL02RN2-R62 T2, Ferrite Beads	AD
BEA2705	95CL5051AQ002	J	BL02RN2-R62 T2, Ferrite Beads	AD
BEA2751	95CL5051AQ002	J	BL02RN2-R62 T2, Ferrite Beads	AD
BEA3751	95CL5051AQ002	J	BL02RN2-R62 T2, Ferrite Beads	AD
BEA4751	95CL5051AQ002	J	BL02RN2-R62 T2, Ferrite Beads	AD
NTC2701	95CD8118AR001	J	NTC Thermistor NTPAD3R9LD6AZ	AP
NTC2702	95CD8118AR001	J	NTC Thermistor NTPAD3R9LD6AZ	AP
NTC2703	95CD7059AQ4R0	J	NTC Thermistor NTH7D4R0LHT62A	AK
NTC2704	95CD7059AQ4R0	J	NTC Thermistor NTH7D4R0LHT62A	AK
PTC2701	95CD8002AQ110	J	Posistor PTH9M04BC222TS2F333	AM
⚠ CN2701	95CK2108SL001	J	Plug, NC-133L-D-1	AL
CN2702	95CK2120BS003	J	Connector B5P(10-2,3,5,7,9)S-VH	AN
CN3701	95CK2144BS007	J	Connector Connector S07B-PASK-2	AM
CN4701	95CK2025BQ004	J	Connector, B4PS-VH	AL

RDENCA059WJZZ
POWER SUPPLY Unit(Continued)

Ref. No.	Part No.	★	Description	Code
FG1	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-41	AE
FG2	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-41	AE
FG3	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-41	AE
FG4	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-41	AE
⚠ PC2701	95CH7148AS001	J	PC123Y82FZ	AH
⚠ PC2702	95CH7148AS001	J	PC123Y82FZ	AH
⚠ PC2703	95CH7148AS001	J	PC123Y82FZ	AH
⚠ PC3701	95CH7148AS001	J	PC123Y82FZ	AH
⚠ PC4701	95CH7148AS001	J	PC123Y82FZ	AH

RUNTKA069WJZZ (LC-32GD1E)
INVERTER-A Unit

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7501	VHIBD9766FV/-1	J	BD9766FV	AR
IC7502	VHINJM78L08UA	J	NJM78L08UA(TA7808F)	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7501	VSRSS050P03-1	J	RSS050P03	AG
Q7502	VSRSS065N03-1	J	RSS065N03	AF
Q7503	VSRSS050P03-1	J	RSS050P0	AG
Q7504	VSRSS065N03-1	J	RSS065N03	AF
Q7505	VSRSS050P03-1	J	RSS050P03	AG
Q7506	VSRSS065N03-1	J	RSS065N03	AF
Q7507	VSRSS050P03-1	J	RSS050P03	AG
Q7508	VSRSS065N03-1	J	RSS065N03	AF
Q7513	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7501	VHD1SS355//-1	J	1SS355	AB
D7502	VHD1SS362//-1	J	1SS362	AC
D7503	VHD1SS362//-1	J	1SS362	AC
D7504	VHD1SS362//-1	J	1SS362	AC
D7505	VHD1SS362//-1	J	1SS362	AC
D7506	VHD1SS362//-1	J	1SS362	AC
D7507	VHD1SS362//-1	J	1SS362	AC
D7508	VHD1SS362//-1	J	1SS362	AC
D7509	VHD1SS362//-1	J	1SS362	AC
ZD7501	VHEHZU8.2B2-1	J	Zener Diode, HZU8.2B2	AC

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
T7501	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7502	RTRNZ1256SNEZ	J	T990TN-1217	AM
T7503	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7504	RTRNZ1256SNEZ	J	T990TN-1217	AM
T7505	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7506	RTRNZ1256SNEZ	J	T990TN-1217	AM
T7507	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7508	RTRNZ1256SNEZ	J	T990TN-1217	AM

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C7502	VCCCCY1HH331J	J	330p	50V	Ceramic	AA
C7503	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C7504	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C7505	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C7506	VCKYCY1HB332K	J	3300p	50V	Ceramic	AA
C7507	VCKYCY1EB104K	J	0.1	25V	Ceramic	AA
C7508	VCKYCY1CB224K	J	0.22	16V	Ceramic	AB
C7509	VCKYTV1AB225K	J	2.2	10V	Ceramic	AC
C7510	VCKYTV1AB225K	J	2.2	10V	Ceramic	AC
C7511	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7512	VCKYCY1EB104K	J	0.1	25V	Ceramic	AA
C7513	VCKYCY1EB104K	J	0.1	25V	Ceramic	AA
C7516	VCKYCY1EB473K	J	0.047	25V	Ceramic	AA
C7517	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7518	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7519	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7520	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7521	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7522	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7523	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7524	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7525	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7526	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7527	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7528	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7529	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7530	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7531	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7532	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7533	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7534	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7535	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7536	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7537	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7538	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7539	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7540	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7541	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7542	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7543	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7544	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7545	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7546	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7547	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7548	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7549	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7550	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7551	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7552	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7553	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description			Code
R7501	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7504	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7505	VRS-CY1JD104J	J	100K	1/10W	Metal Oxide	AA
R7506	VRS-CY1JD104J	J	100K	1/10W	Metal Oxide	AA
R7507	VRS-CY1JD102J	J	1K	1/10W	Metal Oxide	AA
R7508	VRS-CY1JD363F	J	36K	1/10W	Metal Oxide	AA
R7509	VRS-CY1JD753F	J	75K	1/10W	Metal Oxide	AA
R7510	VRS-CY1JD102J	J	1K	1/10W	Metal Oxide	AA
R7511	VRS-CY1JD104J	J	100K	1/10W	Metal Oxide	AA
R7512	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7513	VRS-CY1JD104J	J	100K	1/10W	Metal Oxide	AA
R7514	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7515	VRS-CY1JD513F	J	51K	1/10W	Metal Oxide	AA
R7516	VRS-CY1JD683F	J	68K	1/10W	Metal Oxide	AA
R7517	VRS-CY1JD221J	J	220	1/10W	Metal Oxide	AA
R7518	VRS-CY1JD221J	J	220	1/10W	Metal Oxide	AA
R7519	VRS-CY1JD103J	J	10K	1/10W	Metal Oxide	AA
R7520	VRS-CY1JD103J	J	10K	1/10W	Metal Oxide	AA
R7521	VRS-CY1JD513F	J	51K	1/10W	Metal Oxide	AA
R7522	VRS-CY1JD683F	J	68K	1/10W	Metal Oxide	AA
R7523	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7526	VRS-TP2BD000J	J	0	1/4W		AA
R7528	VRS-TP2BD000J	J	0	1/4W		AA
R7529	VRS-TP2BD220J	J	22	1/4W		AA
R7530	VRS-TP2BD220J	J	22	1/4W		AA
R7531	VRS-TP2BD220J	J	22	1/4W		AA
R7532	VRS-TP2BD220J	J	22	1/4W		AA
R7533	VRS-CY1JD103J	J	10K	1/10W	Metal Oxide	AA
R7534	VRS-TP2BD220J	J	22	1/4W		AA
R7535	VRS-TP2BD220J	J	22	1/4W		AA
R7536	VRS-TP2BD220J	J	22	1/4W		AA
R7537	VRS-TP2BD220J	J	22	1/4W		AA
R7538	VRS-CY1JD513J	J	51K	1/10W	Metal Oxide	AA
R7541	VRS-CY1JD473F	J	47K	1/10W	Metal Oxide	AA
R7542	VRS-CY1JD513J	J	51K	1/10W	Metal Oxide	AA
R7545	VRS-CY1JD753F	J	75K	1/10W	Metal Oxide	AA

RUNTKA069WJZZ (LC-32GD1E)
INVERTER-A Unit(Continued)

FUSE

Ref. No.	Part No.	★	Description	Code
⚠ F7501	QFS-A1152SNEZ	J	Fuse, BL6.3A/250V	AD

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN7501	QCNCM1818SNEZ	J	Plug, 3Pin, B3P-VH	AC
CN7502	QCNCM1819SNEZ	J	Plug, 12Pin, B12B-PASK-1	AD
CN7503	QCNCM1822SNEZ	J	Plug, 5Pin, 05PL-FJ	AD
CN7504	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7505	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7506	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7507	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
LUG7501	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7502	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD

RUNTKA070WJZZ (LC-32GD1E)
INVERTER-B Unit

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7401	VSRSS050P03-1	J	RSS050P03	AG
Q7402	VSRSS065N03-1	J	RSS065N03	AF
Q7403	VSRSS050P03-1	J	RSS050P03	AG
Q7404	VSRSS065N03-1	J	RSS065N03	AF
Q7405	VSRSS050P03-1	J	RSS050P03	AG
Q7406	VSRSS065N03-1	J	RSS065N03	AF
Q7407	VSRSS050P03-1	J	RSS050P03	AG
Q7408	VSRSS065N03-1	J	RSS065N03	AF

DIODES

Ref. No.	Part No.	★	Description	Code
D7401	VHD1SS362//-1	J	1SS362	AC
D7402	VHD1SS362//-1	J	1SS362	AC
D7403	VHD1SS362//-1	J	1SS362	AC
D7404	VHD1SS362//-1	J	1SS362	AC
D7405	VHD1SS362//-1	J	1SS362	AC
D7406	VHD1SS362//-1	J	1SS362	AC
D7407	VHD1SS362//-1	J	1SS362	AC
D7408	VHD1SS362//-1	J	1SS362	AC
ZD7401	VHEHZU8.2B2-1	J	HZU8.2B2, Zener Diode	AC

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
T7401	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7402	RTRNZ1256SNEZ	J	T990TN-1217	AM
T7403	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7404	RTRNZ1256SNEZ	J	T990TN-1217	AM
T7405	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7406	RTRNZ1256SNEZ	J	T990TN-1217	AM
T7407	RTRNZ1257SNEZ	J	RT990TN-1218	AM
T7408	RTRNZ1256SNEZ	J	T990TN-1217	AM

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C7403	VCKYCY1EB473K	J	0.047	25V	Ceramic	AA
C7404	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7405	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7406	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7407	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7408	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7409	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7410	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7411	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7412	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7413	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7414	VCKYTQ1EB475K	J	4.7uF	25V	Ceramic	AD
C7415	VCKYTQ1EB475K	J	4.7uF	25V	Ceramic	AD
C7416	RC-CF180J3KV1	J	18pF	3kV	Ceramic	AE
C7417	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7418	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7419	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7420	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7421	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7422	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7423	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7424	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7425	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7426	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7427	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7428	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7429	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7430	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7431	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7432	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7433	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7434	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7435	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7436	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC
C7437	RC-CF180J3KV1	J	18p	3kV	Ceramic	AE
C7438	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7439	VCKYTQ2AB473K	J	0.047	100V	Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description			Code
R7402	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7404	VRS-TP2BD000J	J	0	1/4W		AA
R7406	VRS-TP2BD000J	J	0	1/4W		AA
R7407	VRS-CY1JD103J	J	10K	1/10W	Metal Oxide	AA
R7408	VRS-TP2BD220J	J	22	1/4W		AA
R7409	VRS-TP2BD220J	J	22	1/4W		AA
R7410	VRS-TP2BD220J	J	22	1/4W		AA
R7411	VRS-TP2BD220J	J	22	1/4W		AA
R7412	VRS-TP2BD220J	J	22	1/4W		AA
R7413	VRS-TP2BD220J	J	22	1/4W		AA
R7414	VRS-TP2BD220J	J	22	1/4W		AA
R7415	VRS-TP2BD220J	J	22	1/4W		AA

FUSE

Ref. No.	Part No.	★	Description	Code
⚠ F7401	QFS-A1152SNEZ	J	Fuse, BL6.3A/250V	AD

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN7401	QCNCM1817SNEZ	J	Plug, 2Pin, B2P-VH	AC
CN7402	QCNCM1823SNEZ	J	Plug, 5Pin, 05R-FJ	AC
CN7403	QCNCM1821SNEZ	J	Plug, 2Pin,1717823-1	AD
CN7404	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7405	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7406	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
LUG7401	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7402	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7403	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7404	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD

RUNTKA071WJZZ (LC-32GD1E)
INVERTER-A GND Unit

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7601	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7602	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7603	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7604	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7605	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7606	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7607	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7601	VHD1SS355//-1	J	1SS355	AB
D7602	VHD1SS355//-1	J	1SS355	AB
D7603	VHD1SS355//-1	J	1SS355	AB
D7604	VHD1SS355//-1	J	1SS355	AB
D7605	VHD1SS362//-1	J	1SS362	AC
D7606	VHD1SS355//-1	J	1SS355	AB
D7607	VHD1SS355//-1	J	1SS355	AB
D7608	VHD1SS355//-1	J	1SS355	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7601	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7602	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7603	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7604	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7606	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7607	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7608	VCKYCY1CB224K	J	0.22 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7601	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7602	VRS-CY1JD104J	J	100K 1/10W	AA
R7603	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7604	VRS-CY1JD104J	J	100K 1/10W	AA
R7605	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7606	VRS-CY1JD104J	J	100K 1/10W	AA
R7607	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7608	VRS-CY1JD104J	J	100K 1/10W	AA
R7609	VRS-CY1JD911F	J	910 1/10W	AA
R7610	VRS-CY1JD242F	J	2.4K 1/10W	AA
R7611	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7612	VRS-CY1JD104J	J	100K 1/10W	AA
R7613	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7614	VRS-CY1JD104J	J	100K 1/10W	AA
R7615	VRS-CY1JD155J	J	1.5M 1/10W	AA
R7616	VRS-CY1JD104J	J	100K 1/10W	AA
R7625	VRS-CY1JD000J	J	0 1/10W	AA
R7626	VRS-CY1JD202J	J	2K 1/10W	AA
R7627	VRS-CY1JD202J	J	2K 1/10W	AA
R7628	VRS-CY1JD202J	J	2K 1/10W	AA
R7629	VRS-CY1JD202J	J	2K 1/10W	AA
R7630	VRS-CY1JD202J	J	2K 1/10W	AA
R7631	VRS-CY1JD202J	J	2K 1/10W	AA
R7632	VRS-CY1JD202J	J	2K 1/10W	AA
R7633	VRS-CY1JD202J	J	2K 1/10W	AA
R7634	VRS-CY1JD103F	J	10K 1/10W	AA
R7636	VRS-CY1JD202J	J	2K 1/10W	AA
R7637	VRS-CY1JD202J	J	2K 1/10W	AA
R7638	VRS-CY1JD202J	J	2K 1/10W	AA
R7639	VRS-CY1JD202J	J	2K 1/10W	AA
R7640	VRS-CY1JD202J	J	2K 1/10W	AA
R7641	VRS-CY1JD202J	J	2K 1/10W	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN7601	QCNCM1796SNEZ	J	Plug, 8Pin, S08B-PASK-2	AD
CN7602	QCNCM1822SNEZ	J	Plug, 5Pin, 05PL-FJ	AD
CN7603	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7604	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7605	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7606	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
LUG7601	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7602	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7603	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
JP7601	VRS-TP2BD000J	J	1/4W 0	AA
JP7602	VRS-TP2BD000J	J	1/4W 0	AA
JP7603	VRS-TP2BD000J	J	1/4W 0	AA

RUNTKA072WJZZ (LC-32GD1E)
INVERTER-B GND Unit

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7651	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7652	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7653	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7654	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7655	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7656	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7657	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7651	VHD1SS355//-1	J	1SS355	AB
D7652	VHD1SS355//-1	J	1SS355	AB
D7653	VHD1SS355//-1	J	1SS355	AB
D7654	VHD1SS355//-1	J	1SS355	AB
D7655	VHD1SS362//-1	J	1SS362	AC
D7656	VHD1SS355//-1	J	1SS355	AB
D7657	VHD1SS355//-1	J	1SS355	AB
D7658	VHD1SS355//-1	J	1SS355	AB

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7651	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7652	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7653	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7654	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7656	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7657	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7658	VCKYCY1CB224K	J	0.22 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7651	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7652	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7653	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7654	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7655	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7656	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7657	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7658	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7659	VRS-CY1JD911F	J	910 1/10W Metal Oxide	AA
R7660	VRS-CY1JD242F	J	2.4K 1/10W Metal Oxide	AA
R7661	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7662	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7663	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7664	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7665	VRS-CY1JD155J	J	1.5M 1/10W Metal Oxide	AA
R7666	VRS-CY1JD104J	J	100K 1/10W Metal Oxide	AA
R7674	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7675	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7676	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7677	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7678	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7679	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7680	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7681	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7682	VRS-CY1JD103F	J	10K 1/10W Metal Oxide	AA
R7684	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7685	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7686	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7687	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7688	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7689	VRS-CY1JD202J	J	2K 1/10W Metal Oxide	AA
R7691	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA

RUNTKA072WJZZ (LC-32GD1E) INVERTER-B GND Unit(Continued)

THERMISTOR

Ref. No.	Part No.	★	Description	Code
TH7653	VHH18XH103J03	J	NCP18XH103J03RB	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
CN7651	QCNCM1823SNEZ	J	Plug, 5Pin, 05R-FJ	AC
CN7652	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7653	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7654	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
CN7655	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
LUG7651	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7652	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7653	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
JP7651	VRS-TP2BD000J	J	GND Lug, 0, 1/4W	AA
JP7652	VRS-TP2BD000J	J	GND Lug, 0, 1/4W	AA
JP7653	VRS-TP2BD000J	J	GND Lug, 0, 1/4W	AA

RUNTKA080WJZZ (LC-37GD1E) INVERTER-A Unit

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7501	VHIBD9766FV/-1	J	BD9766FV	AR
IC7502	VHIBA00ASFP/-1	J	BA00ASFP	AK

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7501	VSRSS075P03-1	J	RSS075P03	AH
Q7502	VSRSS075P03-1	J	RSS075P03	AH
Q7503	VSRSS075P03-1	J	RSS075P03	AH
Q7504	VSRSS075P03-1	J	RSS075P03	AH
Q7505	VSRSS075P03-1	J	RSS075P03	AH
Q7506	VSRSS100N03-1	J	RSS100N03	AG
Q7507	VSRSS100N03-1	J	RSS100N03	AG
Q7508	VSRSS100N03-1	J	RSS100N03	AG
Q7509	VSRSS100N03-1	J	RSS100N03	AG
Q7510	VSRSS100N03-1	J	RSS100N03	AG
Q7511	VSUM6K1N///-1	J	UM6K1N, MOS FET	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7501	VHDDAN217U/-1	J	DAN217U	AC
D7502	VHDDAN217U/-1	J	DAN217U	AC
D7503	VHDDAN217U/-1	J	DAN217U	AC
D7504	VHDDAN217U/-1	J	DAN217U	AC
D7505	VHDDAN217U/-1	J	DAN217U	AC
D7506	VHDDAN217U/-1	J	DAN217U	AC
D7507	VHDDAN217U/-1	J	DAN217U	AC
D7508	VHDDAN217U/-1	J	DAN217U	AC
D7509	VHDDAN217U/-1	J	DAN217U	AC
D7510	VHDDAN217U/-1	J	DAN217U	AC
D7511	VHDRB070M30-1	J	RB070M-30	AD
D7512	VHDRB070M30-1	J	RB070M-30	AD
D7513	VHDRB070M30-1	J	RB070M-30	AD
D7514	VHDRB070M30-1	J	RB070M-30	AD
D7515	VHDRB070M30-1	J	RB070M-30	AD
D7516	VHDRB070M30-1	J	RB070M-30	AD
D7517	VHDRB070M30-1	J	RB070M-30	AD
D7518	VHDRB070M30-1	J	RB070M-30	AD
D7519	VHDRB070M30-1	J	RB070M-30	AD
D7520	VHDRB070M30-1	J	RB070M-30	AD
D7521	VHEHZU5.1B2-1	J	Zener Diode, HZU5.1B(RD5.1SB)	AC
D7522	VHEHZU5.1B2-1	J	Zener Diode, HZU5.1B(RD5.1SB)	AC
D7523	VHD1SS355//-1	J	1SS355	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
T7501	RTRNZA046WJZZ	J	1048HG-1001	AU
T7502	RTRNZA046WJZZ	J	1048HG-1001	AU
T7503	RTRNZA046WJZZ	J	1048HG-1001	AU
T7504	RTRNZA046WJZZ	J	1048HG-1001	AU
T7505	RTRNZA046WJZZ	J	1048HG-1001	AU

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C7503	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7504	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7505	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7506	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7507	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7508	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7509	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7510	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7511	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7512	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7513	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7514	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7515	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7516	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7517	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7518	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7519	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7520	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7521	RC-ECC3H120JM	J	12p	5kV	Ceramic	AF
C7522	VCKYCY1EB223K	J	0.022	25V	Ceramic	AA
C7523	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7524	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7525	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7526	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7527	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7528	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7529	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7530	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7531	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7532	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7533	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C7534	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7535	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7536	VCKYCY1CB473K	J	0.047	16V	Ceramic	AA
C7537	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7538	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7539	VCKYTQ1EB475K	J	4.7	25V	Ceramic	AD
C7540	VCKYTV1AB225K	J	2.2	10V	Ceramic	AC
C7541	VCKYTV1AB225K	J	2.2	10V	Ceramic	AC
C7542	VCKYCY1CB224K	J	0.22	16V	Ceramic	AB
C7543	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C7544	VCCCCY1HH331J	J	330p	50V	Ceramic	AA
C7546	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C7547	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C7549	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C7550	VCKYCY1HB222K	J	2200p	50V	Ceramic	AA
C7555	RC-E1E337KZES	J	330	25V	Electrolytic	AE
C7566	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description			Code
R7501	VRS-CY1JD333F	J	33K	1/10W	Metal Oxide	AA
R7502	VRS-CY1JD683F	J	68K	1/10W	Metal Oxide	AA
R7503	VRS-CY1JD333F	J	33K	1/10W	Metal Oxide	AA
R7504	VRS-CY1JD683F	J	68K	1/10W	Metal Oxide	AA
R7505	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7506	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7507	VRS-CY1JD103F	J	10K	1/10W	Metal Oxide	AA
R7508	VRS-CY1JD103F	J	10K	1/10W	Metal Oxide	AA
R7509	VRS-CY1JD683F	J	68K	1/10W	Metal Oxide	AA
R7510	VRS-CY1JD683F	J	68K	1/10W	Metal Oxide	AA
R7511	VRS-CY1JD102F	J	1K	1/10W	Metal Oxide	AA
R7512	VRS-CY1JD363F	J	36K	1/10W	Metal Oxide	AA
R7513	VRS-CY1JD473F	J	47K	1/10W	Metal Oxide	AA
R7514	VRS-CY1JD222F	J	2.2K	1/10W	Metal Oxide	AA
R7515	VRS-CY1JD682F	J	6.8K	1/10W	Metal Oxide	AA
R7516	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7517	VRS-CY1JD101F	J	100	1/10W	Metal Oxide	AA
R7518	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7519	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7521	VRS-CY1JD753F	J	75K	1/10W	Metal Oxide	AA
R7523	VRS-CY1JD104F	J	100K	1/10W	Metal Oxide	AA
R7525	VRS-CY1JD000J	J	0	1/10W	Metal Oxide	AA
R7526	VRS-CY1JD101J	J	100	1/10W	Metal Oxide	AA
R7527	VRS-CY1JD103F	J	10K	1/10W	Metal Oxide	AA
R7528	VRS-CY1JD103F	J	10K	1/10W	Metal Oxide	AA

RUNTKA080WJZZ (LC-37GD1E)
INVERTER-A Unit(Continued)

Ref. No.	Part No.	★	Description	Code
R7529	VRS-CY1JD101J	J	100 1/10W Metal Oxide	AA
R7530	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7533	VRS-CY1JD102F	J	1K 1/10W Metal Oxide	AA
R7534	VRS-CY1JD101F	J	100 1/10W Metal Oxide	AA
R7536	VRS-CY1JD112F	J	1.1K 1/10W Metal Oxide	AA
R7537	VRS-CY1JD112F	J	1.1K 1/10W Metal Oxide	AA
R7539	VRS-CY1JD513F	J	51K 1/10W Metal Oxide	AA
R7540	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7543	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7545	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7548	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7549	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7555	VRS-CY1JD513F	J	51K 1/10W Metal Oxide	AA
R7556	VRS-CY1JD753F	J	75K 1/10W Metal Oxide	AA
R7557	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7559	VRS-TP2BD000J	J	0 1/4W	AA
R7560	VRS-TP2BD000J	J	0 1/4W	AA
R7561	VRS-TP2BD000J	J	0 1/4W	AA
R7562	VRS-TP2BD000J	J	0 1/4W	AA
R7563	VRS-TP2BD000J	J	0 1/4W	AA
R7564	VRS-TP2BD000J	J	0 1/4W	AA
R7565	VRS-TP2BD000J	J	0 1/4W	AA
R7566	VRS-TP2BD000J	J	0 1/4W	AA
R7567	VRS-TP2BD000J	J	0 1/4W	AA
R7568	VRS-TP2BD000J	J	0 1/4W	AA

FUSES AND FUSE HOLDERS

Ref. No.	Part No.	★	Description	Code
⚠ F7503	QFS-A1153SNEZ	J	Fuse, TLC N4 10A/250V	AF
FH7501	QFSHA1012SNEZ	J	Fuse Holder, H-0017-2	AD
FH7502	QFSHA1012SNEZ	J	Fuse Holder, H-0017-2	AD

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P7501	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7502	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7503	QCNCM1821SNEZ	J	Plug, 3Pin, 1717823-1	AD
P7504	QCNCM1821SNEZ	J	Plug, 3Pin, 1717823-2	AD
P7505	QCNCM1828SNEZ	J	Plug, 2Pin, 1717823-3	AC
P7506	QCNCM1819SNEZ	J	Plug, 12Pin, 1717823-4	AD
P7507	QCNCM1826SNEZ	J	Plug, 12Pin, 1717823-5	AE
P7508	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-6	AD
LUG7501	QTAND1019SNEZ	J	GND Lug, 1717823-7	AD
LUG7502	QTAND1019SNEZ	J	GND Lug, 1717823-8	AD
LUG7503	QTAND1019SNEZ	J	GND Lug, 1717823-9	AD
LUG7504	QTAND1019SNEZ	J	GND Lug, 1717823-10	AD

RUNTKA081WJZZ (LC-37GD1E)
INVERTER-B Unit

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC7402	VHIBD9766FV/-1	J	BD9766FV	AR

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7401	VSRSS075P03-1	J	RSS075P03	AH
Q7402	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7403	VSRSS100N03-1	J	RSS100N03	AG
Q7404	VSRSS075P03-1	J	RSS075P03	AH
Q7406	VSRSS100N03-1	J	RSS100N03	AG
Q7407	VSRSS075P03-1	J	RSS075P03	AH
Q7409	VSRSS100N03-1	J	RSS100N03	AG
Q7410	VSRSS075P03-1	J	RSS075P03	AH
Q7411	VSRSS100N03-1	J	RSS100N03	AG

DIODES

Ref. No.	Part No.	★	Description	Code
D7401	VHDDAN217U/-1	J	DAN217U	AC
D7402	VHDDAN217U/-1	J	DAN217U	AC
D7403	VHDRB070M30-1	J	RB070M-30	AD
D7404	VHDRB070M30-1	J	RB070M-30	AD
D7406	VHDDAN217U/-1	J	DAN217U	AC
D7407	VHDDAN217U/-1	J	DAN217U	AC
D7408	VHDRB070M30-1	J	RB070M-30	AD
D7409	VHDRB070M30-1	J	RB070M-30	AD
D7410	VHDDAN217U/-1	J	DAN217U	AC
D7411	VHDDAN217U/-1	J	DAN217U	AC
D7412	VHDRB070M30-1	J	RB070M-30	AD
D7413	VHDRB070M30-1	J	RB070M-30	AD
D7414	VHEHZU5.1B2-1	J	Zener Diode HZU5.1B(RD5.1SB)	AC
D7415	VHD1SS355//-1	J	1SS355	AB
D7417	VHEHZU5.1B2-1	J	Zener Diode HZU5.1B(RD5.1SB)	AC
D7418	VHDDAN217U/-1	J	DAN217U	AC
D7419	VHDDAN217U/-1	J	DAN217U	AC
D7420	VHDRB070M30-1	J	RB070M-30	AD
D7421	VHDRB070M30-1	J	RB070M-30	AD

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
T7401	RTRNZA046WJZZ	J	1048HG-1001	AU
T7402	RTRNZA046WJZZ	J	1048HG-1001	AU
T7403	RTRNZA046WJZZ	J	1048HG-1001	AU
T7404	RTRNZA046WJZZ	J	1048HG-1001	AU

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7401	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7402	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7403	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7404	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7405	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7406	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7408	RC-E1E337KZES	J	330 25V Electrolytic	AE
C7409	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7410	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7411	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7412	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7413	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7414	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7415	RCE1E337KZEBC	J	330 25V Electrolytic	AE
C7416	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7417	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7418	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7419	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7420	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7421	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7422	VCKYCY1CB473K	J	0.047 16V Ceramic	AA
C7423	RC-E1E337KZES	J	330 25V Electrolytic	AE
C7424	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7426	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7427	VCKYCY1HB222K	J	2200p 50V Ceramic	AA
C7428	VCKYCY1HB472K	J	4700p 50V Ceramic	AA
C7429	VCKYCY1HB222K	J	2200p 50V Ceramic	AA

RUNTKA081WJZZ (LC-37GD1E)
INVERTER-B Unit(Continued)

Ref. No.	Part No.	★	Description	Code
C7430	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7431	VCKYCY1CB473K	J	0.047 16V Ceramic	AA
C7432	VCKYTQ1EB475K	J	4.7 25V Ceramic	AD
C7433	VCKYTV1AB225K	J	2.2 10V Ceramic	AC
C7434	VCKYTV1AB225K	J	2.2 10V Ceramic	AC
C7435	VCKYCY1CB224K	J	0.22 16V Ceramic	AB
C7436	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C7438	VCCCCY1HH331J	J	330p 50V Ceramic	AA
C7439	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7440	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7441	RC-ECC3H120JM	J	12p 5kV Ceramic	AF
C7442	VCKYCY1EB223K	J	0.022 25V Ceramic	AA
C7444	RCE1E337KZEBC	J	330 25V Electrolytic	AE

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7401	VRS-CY1JD333F	J	33K 1/10W Metal Oxide	AA
R7402	VRS-CY1JD683F	J	68K 1/10W Metal Oxide	AA
R7403	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7404	VRS-CY1JD333F	J	33K 1/10W Metal Oxide	AA
R7405	VRS-CY1JD683F	J	68K 1/10W Metal Oxide	AA
R7406	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7407	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7408	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7409	VRS-CY1JD103F	J	10K 1/10W Metal Oxide	AA
R7411	VRS-CY1JD112F	J	1.1K 1/10W Metal Oxide	AA
R7412	VRS-CY1JD101F	J	100 1/10W Metal Oxide	AA
R7415	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7416	VRS-CY1JD683F	J	68K 1/10W Metal Oxide	AA
R7418	VRS-CY1JD753F	J	75K 1/10W Metal Oxide	AA
R7419	VRS-CY1JD363F	J	36K 1/10W Metal Oxide	AA
R7421	VRS-CY1JD102F	J	1K 1/10W Metal Oxide	AA
R7422	VRS-CY1JD112F	J	1.1K 1/10W Metal Oxide	AA
R7426	VRS-CY1JD103F	J	10K 1/10W Metal Oxide	AA
R7427	VRS-CY1JD103F	J	10K 1/10W Metal Oxide	AA
R7428	VRS-CY1JD683F	J	68K 1/10W Metal Oxide	AA
R7429	VRS-CY1JD102F	J	1K 1/10W Metal Oxide	AA
R7430	VRS-CY1JD101J	J	100 1/10W Metal Oxide	AA
R7431	VRS-CY1JD101J	J	100 1/10W Metal Oxide	AA
R7432	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7435	VRS-CY1JD101J	J	100 1/10W Metal Oxide	AA
R7436	VRS-CY1JD103F	J	10K 1/10W Metal Oxide	AA
R7438	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7440	VRS-CY1JD473F	J	47K 1/10W Metal Oxide	AA
R7441	VRS-CY1JD513F	J	51K 1/10W Metal Oxide	AA
R7442	VRS-CY1JD513F	J	51K 1/10W Metal Oxide	AA
R7443	VRS-CY1JD753F	J	75K 1/10W Metal Oxide	AA
R7444	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7445	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7450	VRS-TP2BD000J	J	0 1/4W	AA
R7451	VRS-TP2BD000J	J	0 1/4W	AA
R7452	VRS-TP2BD000J	J	0 1/4W	AA
R7453	VRS-TP2BD000J	J	0 1/4W	AA
R7454	VRS-TP2BD000J	J	0 1/4W	AA
R7455	VRS-TP2BD000J	J	0 1/4W	AA
R7456	VRS-TP2BD000J	J	0 1/4W	AA
R7457	VRS-TP2BD000J	J	0 1/4W	AA

FUSES AND FUSE HOLDERS

Ref. No.	Part No.	★	Description	Code
⚠ F7401	QFS-A1153SNEZ	J	Fuse, TLCN4 10A/250V	AF
FH7401	QFSHA1012SNEZ	J	Fuse Holder, H-0017-2	AD
FH7402	QFSHA1012SNEZ	J	Fuse Holder, H-0017-2	AD

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P7401	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7402	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7403	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7404	QCNCM1775SNEZ	J	Plug, 2Pin, B2PS-VH	AD
P7405	QCNCM1827SNEZ	J	Plug, 12Pin, 12R-FJ	AD
P7406	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
LUG7401	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7402	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7403	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD

RUNTKA082WJZZ (LC-37GD1E)
INVERTER-A GND Unit

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7601	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7602	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7603	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7604	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7605	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7606	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7607	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7608	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7601	VHDDAN217U/-1	J	DAN217U	AC
D7602	VHDDAN217U/-1	J	DAN217U	AC
D7603	VHDDAN217U/-1	J	DAN217U	AC
D7604	VHDDAN217U/-1	J	DAN217U	AC
D7605	VHDDAN217U/-1	J	DAN217U	AC
D7606	VHDDAN217U/-1	J	DAN217U	AC
D7607	VHDDAN217U/-1	J	DAN217U	AC
D7608	VHDDAN217U/-1	J	DAN217U	AC
D7609	VHDDAN217U/-1	J	DAN217U	AC
D7610	VHDDAN217U/-1	J	DAN217U	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7601	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7602	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7603	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7604	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7605	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7606	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7607	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7609	VCKYTQ1EB105K	J	1 25V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7601	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7602	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7603	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7604	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7605	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7606	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7607	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7608	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7609	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7610	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7611	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7612	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7613	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7614	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7615	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7616	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7617	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7618	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7619	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7620	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7621	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7622	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7623	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7625	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7627	VRS-CY1JD132F	J	1.3K 1/10W Metal Oxide	AA
R7628	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7629	VRS-CY1JD132F	J	1.3K 1/10W Metal Oxide	AA
R7630	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7631	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7632	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7633	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7634	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P7601	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7602	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7603	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7604	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD

RUNTKA082WJZZ (LC-37GD1E)
INVERTER- A GND Unit(Continued)

Ref. No.	Part No.	★	Description	Code
P7605	QCNCM1821SNEZ	J	Plug, 8Pin, 1717823-1	AD
P7606	QCNCM1796SNEZ	J	Plug, 6Pin, S8B-PASK-2	AD
P7607	QCNCM1824SNEZ	J	Plug, 8Pin, 06PL-FJ	AD
LUG7601	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7602	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7603	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7604	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD

RUNTKA083WJZZ (LC-37GD1E)
INVERTER-B GND Unit

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7651	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7652	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7653	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7654	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7655	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD
Q7656	VSUM6K1N///-1	J	UM6K1N, MOSFET	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D7651	VHDDAN217U/-1	J	DAN217U	AC
D7652	VHDDAN217U/-1	J	DAN217U	AC
D7653	VHDDAN217U/-1	J	DAN217U	AC
D7654	VHDDAN217U/-1	J	DAN217U	AC
D7655	VHDDAN217U/-1	J	DAN217U	AC
D7656	VHDDAN217U/-1	J	DAN217U	AC
D7657	VHDDAN217U/-1	J	DAN217U	AC
D7658	VHDDAN217U/-1	J	DAN217U	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7651	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7652	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7653	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7654	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7655	VCKYTQ1EB105K	J	1 25V Ceramic	AC
C7656	VCKYTQ1EB105K	J	1 25V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7651	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7652	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7653	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7654	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7655	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7656	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7657	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7658	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7659	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7660	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7661	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7662	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7663	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7664	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7665	VRS-CY1JD104F	J	100K 1/10W Metal Oxide	AA
R7666	VRS-CY1JD105J	J	1M 1/10W Metal Oxide	AA
R7667	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7668	VRS-CY1JD102J	J	1K 1/10W Metal Oxide	AA
R7670	VRS-CY1JD132F	J	1.3K 1/10W Metal Oxide	AA
R7671	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7673	VRS-CY1JD132F	J	1.3K 1/10W Metal Oxide	AA
R7674	VRS-CY1JD000J	J	0 1/10W Metal Oxide	AA
R7675	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7676	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7677	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB
R7678	VRS-TW2ED000J	J	0 1/4W Metal Oxide	AB

THERMISTOR

Ref. No.	Part No.	★	Description	Code
TH7651	VHH18XH103J03	J	NCP18XH103J03RB	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P7651	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7652	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7653	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7654	QCNCM1821SNEZ	J	Plug, 2Pin, 1717823-1	AD
P7655	QCNCM1825SNEZ	J	Plug, 6Pin, 06R-FJ	AD
LUG7651	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7652	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7653	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD
LUG7654	QTAND1019SNEZ	J	GND Lug, SD01138-21	AD

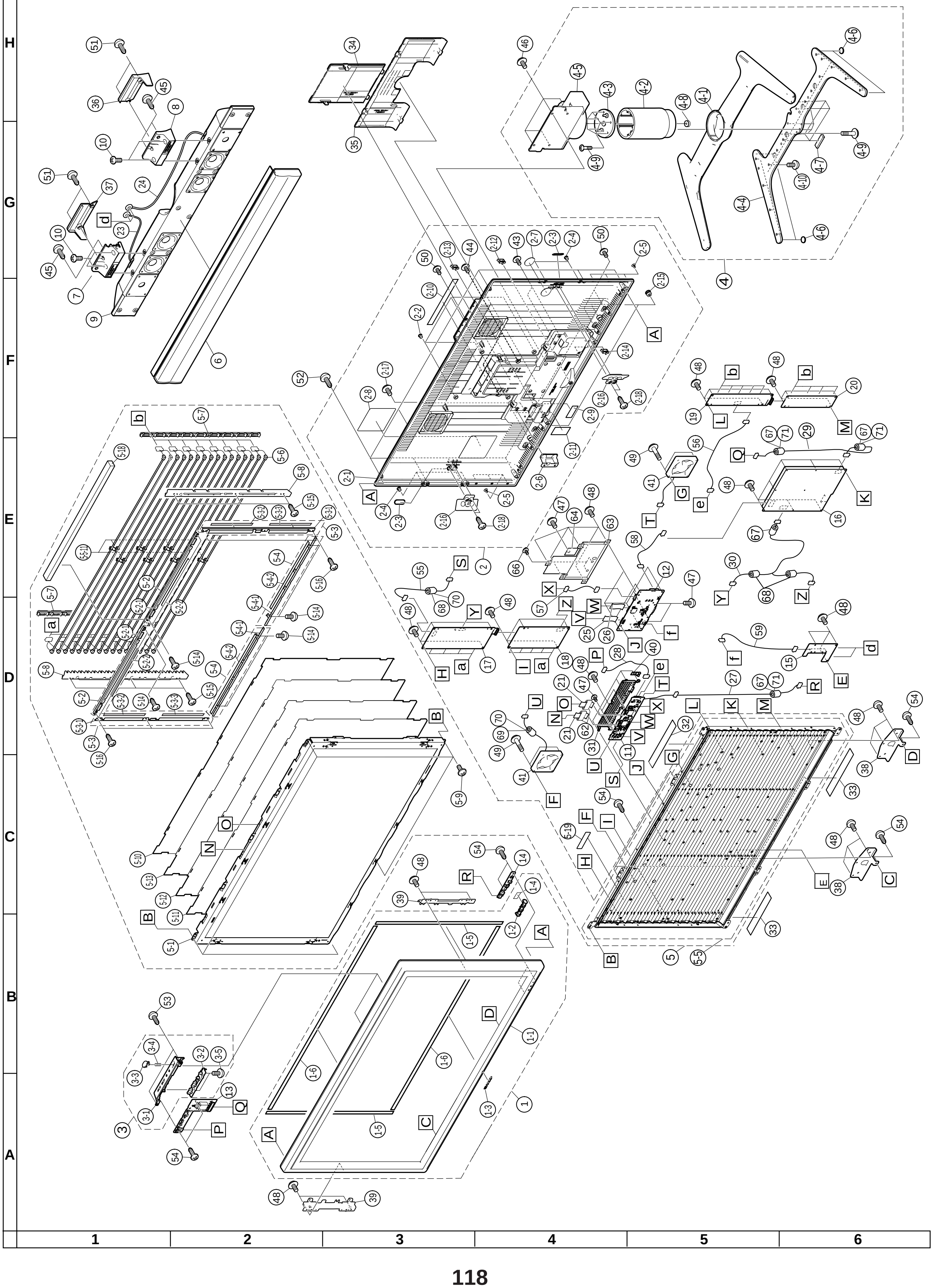
CABINET AND MECHANICAL PARTS LC-32GD1E/K/F/I

Ref. No.	Part No.	★	Description	Code
1	CCABAA578WJ01	J	Front Cabinet Ass’y	BG
1-1	*Not Available*	–	Front Cabinet	–
1-2	GCOVAA677WJSA	J	RC/LED Cover	AF
1-3	HBDGBA037WJSA	J	Badge “SHARP”	AM
1-4	PSPAGA188WJZZ	J	Spacer	AA
1-5	PSPAHA298WJZZ	J	Spacer, x2	AC
1-6	PSPAHA299WJZZ	J	Spacer, x2	AC
2	CCABBA383WJ01	J	Rear Cabinet Ass’y (LC-32GD1E/F/K)	BH
2	CCABBA383WJ03	J	Rear Cabinet Ass’y (LC-32GD1I)	BH
2-1	*Not Available*	–	Rear Cabinet	–
2-2	GCOVAA454WJKD	J	Hole Cover, x4	AC
2-3	GCOVAA698WJSA	J	SP Cover, x2	AE
2-4	GCOVAA755WJKA	J	Hole Cover, x4	AC
2-5	GCOVAA760WJKA	J	Hole Cover, x6	AB
2-6	GCOVAA784WJKA	J	Hole Cover	AE
2-7	HiNDP5733CESB	J	AQUOS Label	AD
2-8	HiNDPA840WJSA	J	Model Indicator (LC-32GD1E/F/K)	AH
2-8	HiNDPA919WJSA	J	Model Indicator (LC-32GD1I)	AG
2-9	HiNDPA754WJSA	J	SP Terminal Indicator	AD
2-10	HiNDPA786WJSA	J	System Cable Indicator	AE
2-11	HiNDPA834WJSA	J	Hole Cover Indicator	AD
2-12	LHLDWA043WJKZ	J	Wire Holder	AB
2-13	LHLDWA044WJKZ	J	Wire Holder	AB
2-14	LHLDWA048WJKZ	J	Wire Holder	AB
2-15	LHLDZ0132CEZZ	J	SP Fixing Holder, x2	AD
2-16	LHLDZA322WJZZ	J	Spacer, x2	AE
2-17	XEBS930P08000	J	Screw, x2	AA
2-18	XEBSN30P10000	J	Screw, x4	AA
3	CCOVAA822WJ01	J	Top Control Cover Ass’y	AT
3-1	*Not Available*	–	Top Control Cover	–
3-2	JBTN-A253WJKC	J	Control Button	AH
3-3	JBTN-A254WJKC	J	Power Button	AG
3-4	MSPRCA015WJFW	J	Power Button Spring	AB
3-5	XEBSN30P08000	J	Screw, x2	AA
4	CDAi-A105WJ10	J	Stand	BY
4-1	GDAi-A105WJKC	J	Stand Base	BB
4-2	GDAi-A115WJSB	J	Stand support	BA
4-3	GDAi-A117WJF8	J	Swivel Base	AP
4-4	LANGKA218WJSA	J	Fixing Metal	BF
4-5	MHNG-A073WJSC	J	Hinge	BK
4-6	PSPAZA476WJZZ	J	Spacer, x4	AC
4-7	PSPAZA477WJZZ	J	Spacer, x4	AD
4-8	LX-NZA013WJFN	J	Nut	AE
4-9	XCSS940P25000	J	Spacer, x10	AA
4-10	XEBS940P10000	J	Spacer, x12	AB
5	*Not Available*	–	32 Wide LCD Panel Unit Ass’y	–
5-1	RLCDTA028WJZZ	J	32 Wide LCD Panel Unit	ER
5-2	CANGKA221WJ01	J	Fixing Metal Ass’y, x2	AM
5-2-1	*Not Available*	–	Fixing Metal, x2	–
5-2-2	PSPAKA049WJKZ	J	Spacer, x2	AC
5-3	CANGKA222WJ02	J	Fixing Metal, x2	AL
5-3-1	*Not Available*	–	Fixing Metal Ass’y, x2	–
5-3-2	PSPAKA042WJKZ	J	Spacer, x2	AC
5-3-3	PSPAKA048WJKZ	J	Spacer, x2	AC
5-4	CANGKA241WJ01	J	Fixing Metal, x2	AK
5-4-1	*Not Available*	–	Fixing Metal Ass’y, x2	–
5-4-2	PSPAKA041WJKZ	J	Spacer, x2	AC
5-5	CCHSMA080WJ02	J	Chassis Unit	BY
5-5-1	LANGKA228WJZZ	J	Chassis Angle	AZ
5-5-2	LANGKA230WJZZ	J	Stand Angle	AL
5-5-3	LANGKA242WJFW	J	Fixing Metal, x2	AL
5-5-4	LANGKA262WJFW	J	Fixing Metal	AE
5-5-5	*Not Available*	–	Chassis	–
5-5-6	LHLDWA029WJKZ	J	Holder, x2	AC
5-5-7	LHLDWA031WJKZ	J	Holder, x6	AC
5-5-8	LHLDWA039WJKZ	J	Holder, x2	AD
5-5-9	LHLDWA041WJKZ	J	Holder	AC
5-5-10	LHLDWA046WJKZ	J	Holder, x9	AC
5-5-11	LHLDZA316WJKZ	J	Holder, x8	AD
5-5-12	LHLDZA346WJKZ	J	Holder, x16	AC
5-5-13	LX-EZA007WJFN	J	Screw, x2	AB
5-5-14	PCLiC1033CEZZ	J	Clip	AC
5-5-15	PMiR-A040WJZZ	J	Reflection Mirror	BE
5-5-16	PSPAGA187WJ00	J	Spacer, x8	AB
5-5-17	PSPAHA329WJZZ	J	Spacer, x2	AB
5-5-18	PSPAHA330WJZZ	J	Spacer, x2	AE
5-5-19	PSPAHA338WJZZ	J	Spacer, x4	AB
5-5-20	PSPAHA339WJZZ	J	Spacer, x2	AD
5-5-21	PSPAKA043WJKZ	J	Spacer, x8	AB
5-5-22	PSPAZA426WJZZ	J	Spacer	AE
5-5-23	PZETKA063WJZZ	J	Insulator	AN
5-5-24	TCAUZA031WJZZ	J	Caution Card	AB
5-5-25	XBBSN40P06000	J	Screw, x25	AA
5-5-26	XBBS940P08000	J	Screw, x2	AB
5-6	KLMP-A027WJZZ	J	Lamp, x8	AZ
5-7	LHLDZA309WJKZ	J	Lamp Holder, x2	AL
5-8	LHLDZA310WJKZ	J	Lamp Holder, x2	AM
5-9	LX-BZA051WJFN	J	Screw, x5	AB
5-10	PCOVUA027WJZZ	J	Diffusion Panel	BG
5-11	PSHEPA167WJZZ	J	Reflection/Deflection Sheet	BX
5-12	PSHEPA168WJZZ	J	Prism Sheet	BN
5-13	PSHEPA169WJZZ	J	diffusion Sheet	AW
5-14	LX-BZA052WJFN	J	Screw, x8	AA
5-15	XBBSN30P08000	J	Screw, x6	AA
5-16	XEBSN30P08000	J	Screw, x6	AA
5-17	PSPAZA491WJZZ	J	Spacer	AE
5-18	PSPAZA490WJZZ	J	Spacer	AB
5-19	PSPAZA492WJZZ	J	Spacer	AC
6	CPNLSA024WJ02	J	Speaker Panel Ass’y	BX
7	LHLDZA341WJKA	J	Bracket Cover Ass’y (L)	AP
8	LHLDZA340WJKA	J	Bracket Cover (R)	AP
9	RSP-ZA068WJN2	J	Speaker	BY
10	XBBS950P14000	J	Screw, x4	AB
11	DUNTKC268VJ18	J	LCD CONT Unit	CH
12	DKEYHC269VJ20	J	TMDS RX Unit	BV
13	DUNTKC274UJ03	–	KEY Unit	–
14	DUNTKC275UJ03	–	R/C LED Unit	–
15	DUNTKC276UJ03	–	SP TERMINAL Unit	–
16	RDENCA059WJZZ	–	POWER SUPPLY Unit	–
17	RUNTKA069WJZZ	–	INVERTER-A Unit	–
18	RUNTKA070WJZZ	–	INVERTER-B Unit	–
19	RUNTKA071WJZZ	–	INVERTER-A GND Unit	–
20	RUNTKA072WJZZ	–	INVERTER-B GND Unit	–
21	QPWBMC494WJPZ	J	FPC, x2	AM
23	QCNW-B951WJN1	J	Connecting Cord	AK
24	QCNW-B951WJN2	J	Connecting Cord	AK
25	QCNW-C051WJQZ	J	Connecting Cord (TC)	AC
26	QCNW-C052WJQZ	J	Connecting Cord (LV)	AC
27	QCNW-C208WJQZ	J	Connecting Cord (RM)	AH
28	QCNW-C209WJQZ	J	Connecting Cord (KM)	AE
29	QCNW-C729WJQZ	J	Connecting Cord (AC)	AQ
30	QCNW-C212WJQZ	J	Connecting Cord (IV)	AK
31	PSLDMA326WJ02	J	Main Shield	AT
32	PSPAZA458WJZZ	J	Spacer	AD
33	PSPAZA459WJZZ	J	Spacer	AD
34	GCOVAA683WJKA	J	Terminal Cover (Upper)	AM
35	GCOVAA684WJKA	J	Terminal Cover (Bottom)	AN
36	GCOVAA779WJKA	J	Bracket Cover (R)	AL
37	GCOVAA780WJKA	J	Bracket Cover (L)	AL
38	LANGKA248WJZZ	J	Fixing Metal, x2	AM
39	LANGKA253WJFW	J	Fixing Metal, x2	AL
40	LHLDW1046CEZZ	J	Wire Holder	AA
41	NFANR0126CEZZ	J	FAN, x2	AT
43	XBBS930P08000	J	Screw, x2	AA
44	XBBS940P10000	J	Screw, x2	AB
45	XBBS940P18000	J	Screw, x4	AB
46	XBBSN50P12JS0	J	Screw, x4	AF

Ref. No.	Part No.	★	Description	Code
47	XBPSN30P04J00	J	Screw, x3	AA
48	XBPSN30P08JS0	J	Screw, x30	AB
49	XBPSN30P20XS0	J	Screw, x4	AB
50	XEBS930P10000	J	Screw, x3	AA
51	XEBS940P12000	J	Screw, x4	AB
52	XEBS940P20000	J	Screw, x13	AB
53	XEBSN30P06000	J	Screw, x2	AA
54	XEBSN30P10000	J	Screw, x10	AA
55	QCNW-C206WJQZ	J	Connecting Cord (BL)	AH
56	QCNW-C207WJQZ	J	Connecting Cord (GV)	AG
57	QCNW-C044WJQZ	J	Connecting Cord (TV)	AF
58	QCNW-C210WJQZ	J	Connecting Cord (PV)	AF
59	QCNW-C205WJQZ	J	Connecting Cord (SO)	AE
62	RCORFA039WJZZ	J	Core, x2	AG
63	PSLDMA327WJFW	J	TMD Shield	AM
64	QEARPA110WJFW	J	Earth Plate	AG
65	XEBSN30P10000	J	Screw	AA
66	XBBSN30P08000	J	Screw, x2	AA
67	RCORFA020WJZZ	J	Core, x4	AN
68	RCORFA023WJZZ	J	Core, x2	AK
69	RCORF0104CEZZ	J	Core	AM
70	PSPAGA210WJZZ	J	Spacer, x2	AC
71	PSPAHA390WJZZ	J	Spacer, x3	AC

Ref. No.	Part No.	★	Description	Code

CABINET AND MECHANICAL PARTS (LC-32GD1E)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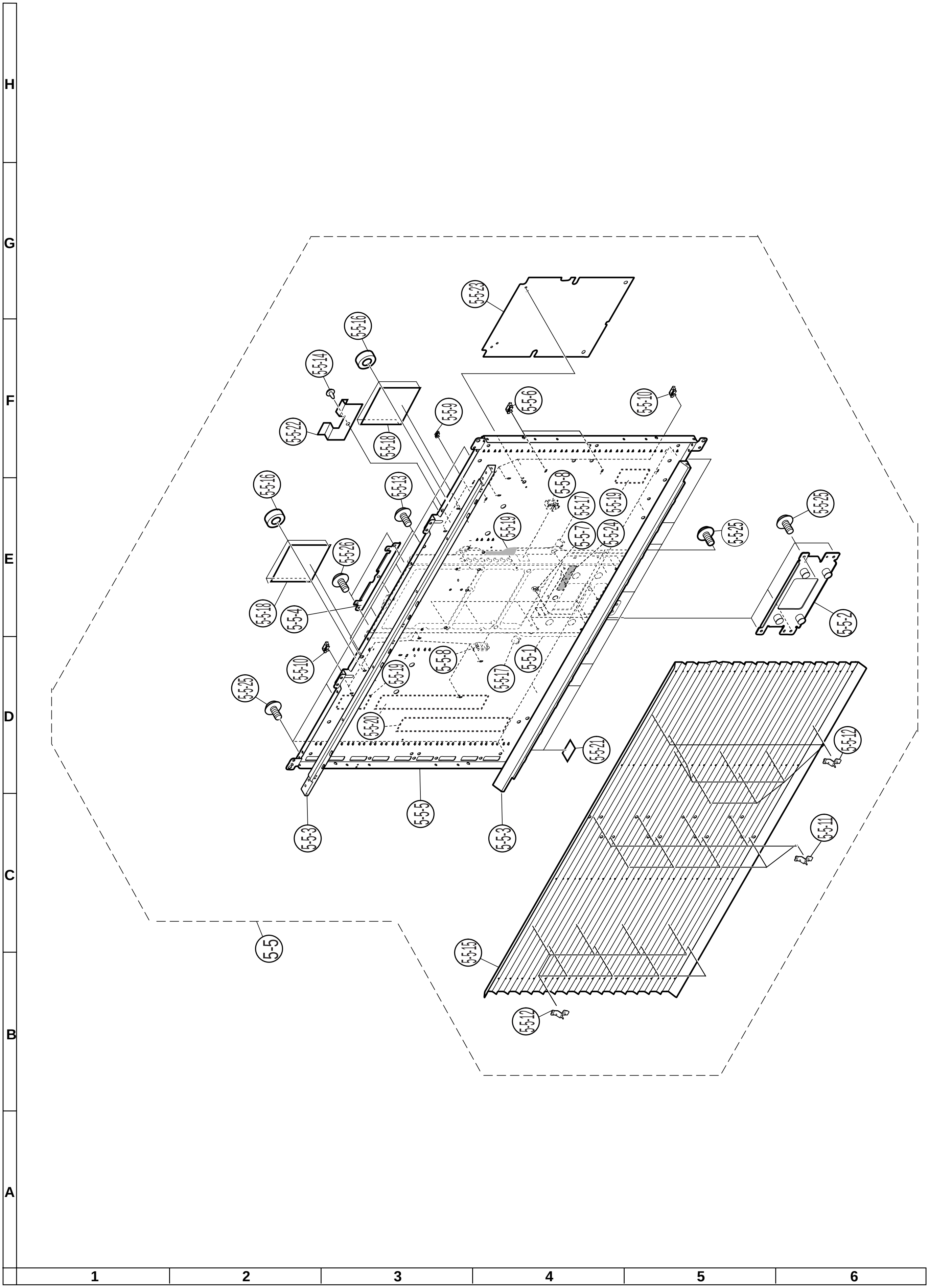
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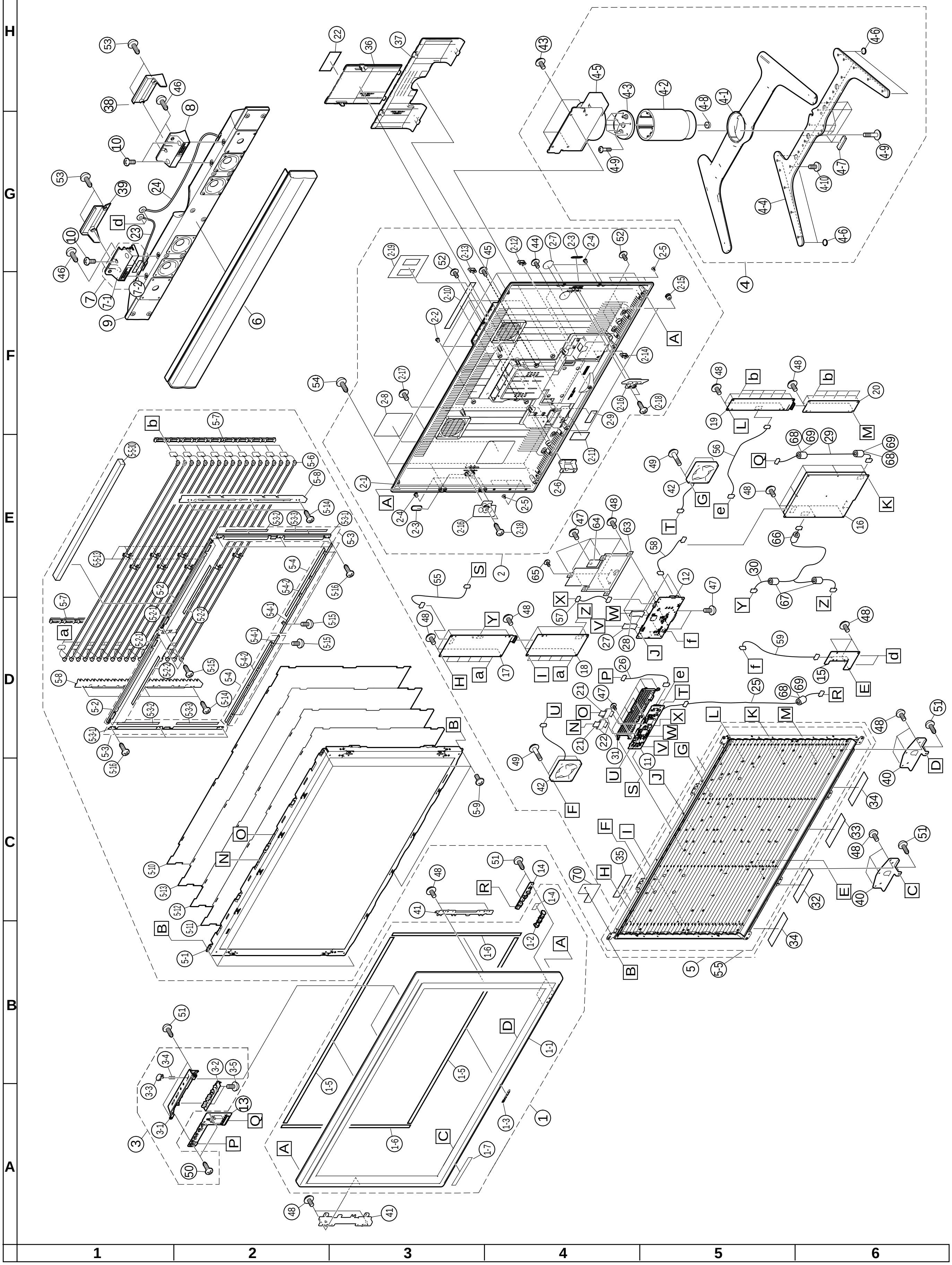
CABINET AND MECHANICAL PARTS LC-37GD1E/K/F/I

Ref. No.	Part No.	★	Description	Code
1	CCABAA629WJ01	J	Front Cabinet Ass'y	BK
1-1	*Not Available*	–	Front Cabinet	–
1-2	GCOVAA677WJSA	J	R/C LED Cover	AF
1-3	HBDGBA036WJSA	J	SHARP Badge	AP
1-4	PSPAGA188WJZZ	J	Spacer	AA
1-5	PSPAHA296WJZZ	J	Himeron Mask A, x2	AC
1-6	PSPAHA297WJZZ	J	Himeron Mask B, x2	AC
2	CCABBA414WJ01	J	Rear Cabinet Ass'y (LC-37GD1E/F/K)	BK
2	CCABBA414WJ03	J	Rear Cabinet Ass'y (LC-37GD1I)	BK
2-1	*Not Available*	–	Rear Cabinet	–
2-2	GCOVAA454WJKD	J	Hole-Cover, x4	AC
2-3	GCOVAA698WJSA	J	SP Cover, x2	AE
2-4	GCOVAA755WJKA	J	Hole Cover-1, x4	AC
2-5	GCOVAA760WJKA	J	Hole Cover-2, x6	AB
2-6	GCOVAA784WJKA	J	SP Wire Cover	AE
2-7	HiNDP5733CESB	J	AQUOS Label	AD
2-8	HiNDPA955WJSA	J	Model Indicator (LC-37GD1E/F/K)	AH
2-8	HiNDPA957WJSA	J	Model Indicator (LC-37GD1E/I)	AG
2-9	HiNDPA754WJSA	J	SP Terminal Indicator	AD
2-10	HiNDPA786WJSA	J	System Cable Indicator	AE
2-11	HiNDPA834WJSA	J	Hole Cover Indicator	AD
2-12	LHLDWA043WJKZ	J	Wire Holder	AB
2-13	LHLDWA044WJKZ	J	Wire Holder	AB
2-14	LHLDWA048WJKZ	J	Wire Holder	AB
2-15	LHLDZ0132CEZZ	J	SP Retaining Spacer, x2	AD
2-16	LHLDZA322WJZZ	J	SP Holder, x2	AE
2-17	XEBS930P08000	J	Screw, x2	AA
2-18	XEBSN30P10000	J	Screw, x4	AA
2-19	HiNDPA972WJSB	J	System Cable Indicator	AK
3	CCOVAA822WJ01	J	Top Control Cover Ass'y	AT
3-1	*Not Available*	–	Top Control Cover	–
3-2	JBTN-A253WJKC	J	Control Button	AH
3-3	JBTN-A254WJKC	J	Power Button	AG
3-4	MSPRCA015WJFW	J	Power Button Spring	AB
3-5	XEBSN30P08000	J	Screw, x2	AA
4	CDAi-A105WJ09	J	Stand Unit	BX
4-1	GDAi-A105WJKC	J	Stand Base	BB
4-2	GDAi-A115WJSB	J	Stand Support	BA
4-3	GDAi-A117WJF8	J	Swivel Base	AP
4-4	LANGKA218WJSA	J	Base Angle	BF
4-5	MHNG-A072WJSC	J	Hinge	BK
4-6	PSPAZA476WJZZ	J	LEG-Cushion A, x4	AC
4-7	PSPAZA477WJZZ	J	LEG-Cushion B, x4	AD
4-8	LX-NZA013WJFN	J	Nut	AE
4-9	XCSS940P25000	J	Screw, x10	AA
4-10	XEBS940P10000	J	Screw, x12	AB
5	*Not Available*	–	37 Wide LCD Panel Unit Ass'y	–
5-1	RLCDTA027WJZZ	J	37 Wide LCD Panel Unit	FS
5-2	CANGKA219WJ01	J	Sheet Angle Ass'y, x2	AN
5-2-1	*Not Available*	–	Sheet Angle, x2	–
5-2-2	PSPAZA465WJKZ	J	Spacer, x2	AD
5-3	CANGKA220WJ01	J	Sheet Angle Ass'y, x2	AQ
5-3-1	*Not Available*	–	Sheet Angle, x2	–
5-3-2	PSPAKA038WJKZ	J	Spacer, x2	AC
5-3-3	PSPAZA469WJKZ	J	Spacer, x2	AC
5-4	CANGKA239WJ01	J	Sheet Angle Ass'y, x2	AN
5-4-1	*Not Available*	–	Sheet Angle, x2	–
5-4-2	PSPAKA039WJKZ	J	Spacer, x2	AD
5-5	CCHSMA079WJ01	J	Chassis Unit	CF
5-5-1	LANGKA227WJZZ	J	Chassis Angle	BB
5-5-2	LANGKA229WJZZ	J	Stand Angle	AS
5-5-3	LANGKA243WJFW	J	Fixing Metal	BC
5-5-4	LANGKA244WJFW	J	Fixing Metal	BB
5-5-5	LANGKA245WJFW	J	Chassis, x2	AS
5-5-6	LANGKA262WJFW	J	Shield Angle	AE
5-5-7	*Not Available*	–	Chassis	–
5-5-8	LHLDWA029WJKZ	J	Holder, x2	AC
5-5-9	LHLDWA031WJKZ	J	Holder, x6	AC
5-5-10	LHLDWA039WJKZ	J	Holder, x2	AD
5-5-11	LHLDWA041WJKZ	J	Spacer	AC
5-5-12	LHLDWA046WJKZ	J	Holder, x13	AC
5-5-13	LHLDZA315WJKZ	J	Holder, x9	AD
5-5-14	LHLDZA346WJKZ	J	Holder, x26	AC
5-5-15	LX-BZA046WJFN	J	Screw, x32	AA
5-5-16	PMiR-A041WJZZ	J	Reflection Mirror	BG
5-5-17	PSPAGA187WJ00	J	Spacer, x8	AB
5-5-18	PSPAHA329WJZZ	J	Spacer, x2	AB
5-5-19	PSPAHA330WJZZ	J	Spacer, x2	AE
5-5-20	PSPAHA337WJZZ	J	Spacer, x12	AC
5-5-21	PSPAZA455WJZZ	J	Spacer	AC
5-5-22	PSPAZA466WJKZ	J	Spacer, x4	AB
5-5-23	PZETKA063WJZZ	J	Insulator Sheet	AN
5-5-24	PZETKA064WJZZ	J	Insulator Sheet	AK
5-5-25	PZETKA065WJZZ	J	Insulator Sheet	AH
5-5-26	TCAUZA031WJZZ	J	Caution Label	AB
5-5-27	XBBSN40P08000	J	Screw, x4	AA
5-5-28	XBPSN30P08JS0	J	Screw, x6	AB
5-5-29	PSPAZA483WJZZ	J	Spacer	AF
5-5-30	PSPAZA490WJZZ	J	Spacer	AB
5-5-31	PSPAHA338WJZZ	J	Spacer	
5-6	KLMP-A028WJZZ	J	Lamp, x9	BB
5-7	LHLDZA307WJKZ	J	Lamp Holder, x2	AL
5-8	LHLDZA308WJKZ	J	Lamp Holder, x2	AM
5-9	LX-BZA051WJFN	J	Screw, x5	AB
5-10	PCOVUA028WJZZ	J	Diffusion Panel	BH
5-11	PSHEPA170WJZZ	J	Reflection/Deflection Sheet	CD
5-12	PSHEPA171WJZZ	J	Prism Sheet	BS
5-13	PSHEPA172WJZZ	J	Diffusion Sheet	AX
5-14	XBBSN30P08000	J	Screw, x6	AA
5-15	XBPSN30P06000	J	Screw, x8	AA
5-16	XEBSN30P10000	J	Screw, x6	AA
6	CPNLSA023WJ02	J	Speaker Panel Ass'y	BZ
7	LHLDZA341WJKA	-	Bracket Cover Ass'y (L)	AP
8	LHLDZA340WJKA	J	Bracket Cover Ass'y (R)	AP
9	RSP-ZA067WJN2	J	Speaker BOX	BY
10	XBBS950P14000	J	Screw, x4	AB
11	DUNTKC268VJ17	J	LCD CONT Unit	CH
12	DKEYHC269VJ19	J	TMDS RX Unit	BU
13	DUNTKC274UJ03	–	KEY Unit	–
14	DUNTKC275UJ03	–	R/C LED Unit	–
15	DUNTKC276UJ03	–	SP TERMINAL Unit	–
16	RDENCA059WJZZ	–	POWER SUPPLY Unit	–
17	RUNTKA080WJZZ	–	INVERTER-A Unit	–
18	RUNTKA081WJZZ	–	INVERTER-B Unit	–
19	RUNTKA082WJZZ	–	INVERTER-A GND Unit	–
20	RUNTKA083WJZZ	–	INVERTER-B GND Unit	–
21	QPWBMC494WJPZ	J	FPC, x2	AM
22	RCORFA039WJZZ	J	Core, x2	AG
23	QCNW-B949WJN1	J	SP Cable Short-L	AK
24	QCNW-B949WJN2	J	SP Cable Short-R	AK
25	QCNW-C049WJQZ	J	Connecting Cord (RM)	AK
26	QCNW-C050WJQZ	J	Connecting Cord (KM)	AK
27	QCNW-C051WJQZ	J	Connecting Cord (TC)	AE
28	QCNW-C052WJQZ	J	Connecting Cord (LV)	AC
29	QCNW-C055WJQZ	J	Connecting Cord (AC)	AC
30	QCNW-C056WJQZ	J	Connecting Cord (IV)	AF
31	PSLDMA326WJ02	J	MAIN Shield	
32	PSPAZA454WJZZ	J	Spacer	AQ
33	PSPAZA455WJZZ	J	Spacer	AC
34	PSPAZA456WJZZ	J	Spacer, x2	AC
35	PSPAZA492WJZZ	J	Spacer	AD
36	GCOVAA681WJKA	J	Terminal Cover (Upper)	AN
37	GCOVAA682WJKA	J	Terminal Cover (Bottom)	AN
38	GCOVAA779WJKA	J	Speaker Terminal Cover (R)	AP
39	GCOVAA780WJKA	J	Speaker Terminal Cover (L)	AL
40	LANGKA247WJZZ	J	Bracket Angle, x2	AN
41	LANGKA254WJFW	J	Fixing Metal, x2	AL
42	NFANR0126CEZZ	J	FAN, x2	AT

Ref. No.	Part No.	★	Description	Code
43	XBBSN50P12JS0	J	Screw, x4	AT
44	XBBS930P08000	J	Screw, x2	AF
45	XBBS940P10000	J	Screw, x2	AA
46	XBBS940P18000	J	Screw, x4	AB
47	XBPSN30P04J00	J	Screw, x3	AA
48	XBPSN30P08JS0	J	Screw, x46	AB
49	XBPSN30P20XS0	J	Screw, x4	AB
50	XEBSN30P06000	J	Screw, x2	AA
51	XEBSN30P10000	J	Screw, x10	AA
52	XEBS930P10000	J	Screw, x3	AA
53	XEBS940P12000	J	Screw, x4	AB
54	XEBS940P20000	J	Screw, x13	AB
55	QCNW-C047WJQZ	J	Connecting Cord (BL)	AK
56	QCNW-C048WJQZ	J	Connecting Cord (GV)	AG
57	QCNW-C044WJQZ	J	Connecting Cord (TV)	AF
58	QCNW-C053WJQZ	J	Connecting Cord (PV)	AF
59	QCNW-C045WJQZ	J	Connecting Cord (SO)	AF
63	PSLDMA327WJFW	J	TMDS Shield	AM
64	QEARPA110WJFW	J	EARTH Shield	AG
65	XBBSN30P08000	J	Screw, x2	AA
66	RCORFA020WJZZ	J	Core	AN
67	RCORFA023WJZZ	J	Core, x2	AK
68	RCORF0104CEZZ	J	Core, x3	AM
69	PSPAHA337WJZZ	J	Spacer, x3	AC
70	QEARZA067WJZZ	J	Ground Tape	AG

Ref. No.	Part No.	★	Description	Code

CABINET AND MECHANICAL PARTS (LC-37GD1E)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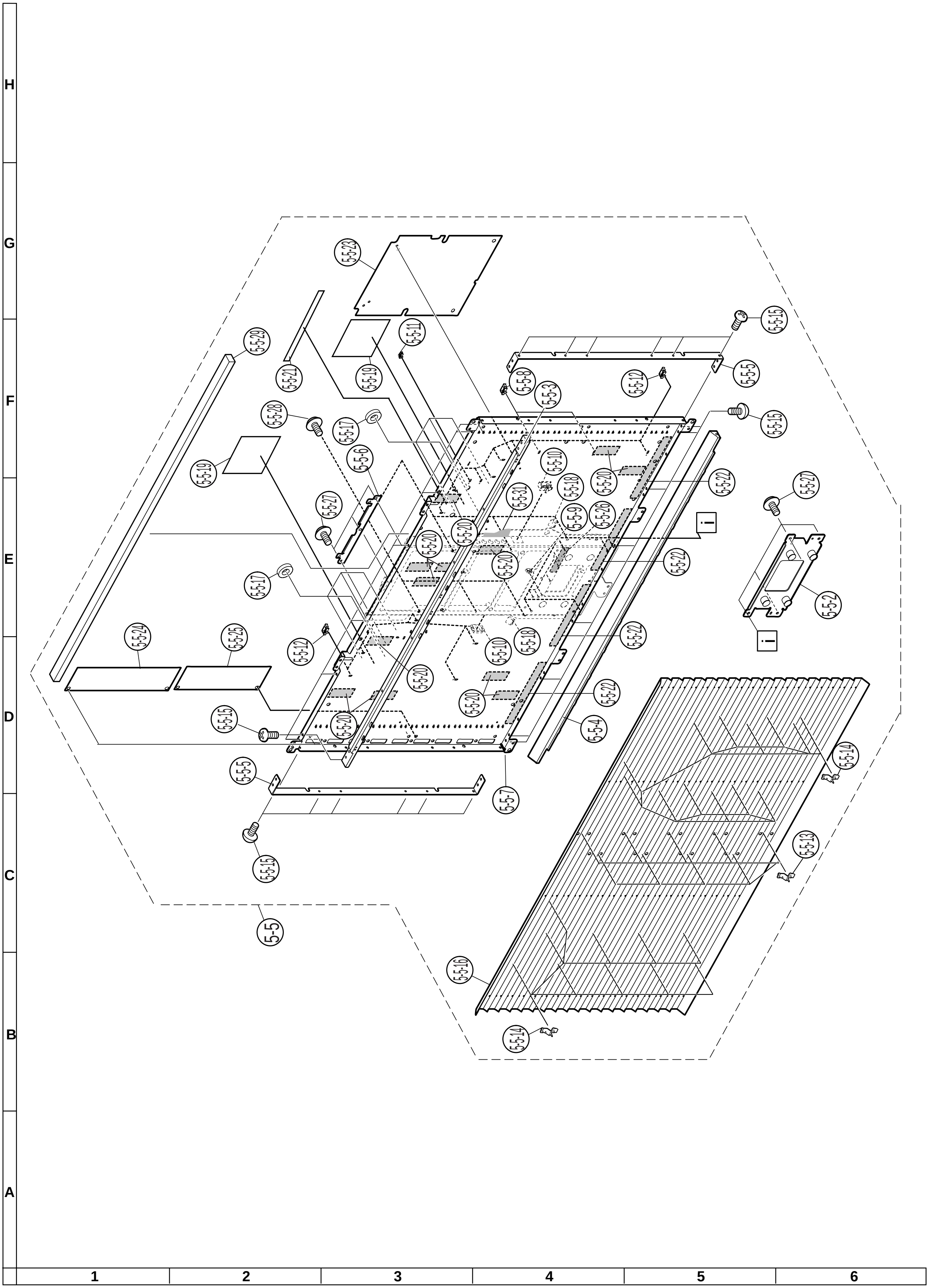
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PACKING PARTS
(NOT REPLACEMENT ITEM)

LC-32GD1E/K/F/I

Ref. No.	Part No.	★	Description	Code
	SPAKCB265WJZZ	–	Packing Case (Top)	–
	SPAKCB594WJZZ	–	Packing Case (Bottom)	–
	SPAKPA382WJZZ	–	Wrapping Paper (Display Side)	–
	SPAKPA377WJZZ	–	Wrapping Paper (Stand Side)	–
	SPAKXA579WJZZ	–	Top Pad (L,R)	–
	SPAKXA580WJZZ	–	Bottom Pad (L,R)	–
	SPAKXA581WJZZ	–	Stand Pad	–
	SPAKL0023CEZZ	–	Joint, x4	–
	SSAKA0170CEZZ	–	Polyethylene Bag	–
	TLABNA640WJZZ	–	No Label, (LC-32GD1E)	–
	TLABNA719WJZZ	–	No Label, (LC-32GD1K)	–
	TLABNA720WJZZ	–	No Label, (LC-32GD1F)	–
	TLABNA721WJZZ	–	No Label, (LC-32GD1I)	–
	TLABKA013WJZZ	–	Two Dimention Bar Code Label	–
	TLABK0001TAZZ	–	Bar Code Label	–

LC-37GD1E/K/F/I

Ref. No.	Part No.	★	Description	Code
	SPAKCB613WJZZ	–	Packing Case (Top)	–
	SPAKCB590WJZZ	–	Packing Case (Bottom)	–
	SPAKPA338WJZZ	–	Wrapping Paper (Display Side)	–
	SPAKPA377WJZZ	–	Wrapping Paper (Stand Side)	–
	SPAKXA594WJZZ	–	Top Pad (L,R)	–
	SPAKXA595WJZZ	–	Bottom Pad (L,R)	–
	SPAKXA596WJZZ	–	Stand Pad	–
	SPAKL0023CEZZ	–	Joint, x4	–
	SSAKA0170CEZZ	–	Polyethylene Bag	–
	TLABNA749WJZZ	–	No Label, (LC-37GD1E)	–
	TLABNA750WJZZ	–	No Label, (LC-37GD1K)	–
	TLABNA751WJZZ	–	No Label, (LC-37GD1F)	–
	TLABNA752WJZZ	–	No Label, (LC-37GD1I)	–
	TLABKA013WJZZ	–	Two Dimention Bar Code Label	–
	TLABK0001TAZZ	–	Bar Code Label	–

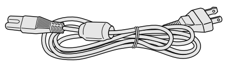
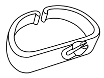
ACCESSORIES

LC-32GD1E/K/F/I

Ref. No.	Part No.	★	Description	Code
⚠	QACCKA007WJPZ	J	AC Cord, (LC-32GD1E/F/I)	AK
⚠	QACCBA021WJPZ	J	AC Cord, (LC-32GD1K)	AK
	LHLDW0110CESD	J	Cable Clamp	AE

LC-37GD1E/K/F/I

Ref. No.	Part No.	★	Description	Code
⚠	QACCKA007WJPZ	J	AC Cord, (LC-37GD1E/F/I)	AK
⚠	QACCBA021WJPZ	J	AC Cord, (LC-37GD1K)	AK
	LHLDW0110CESD	J	Cable Clamp	AE

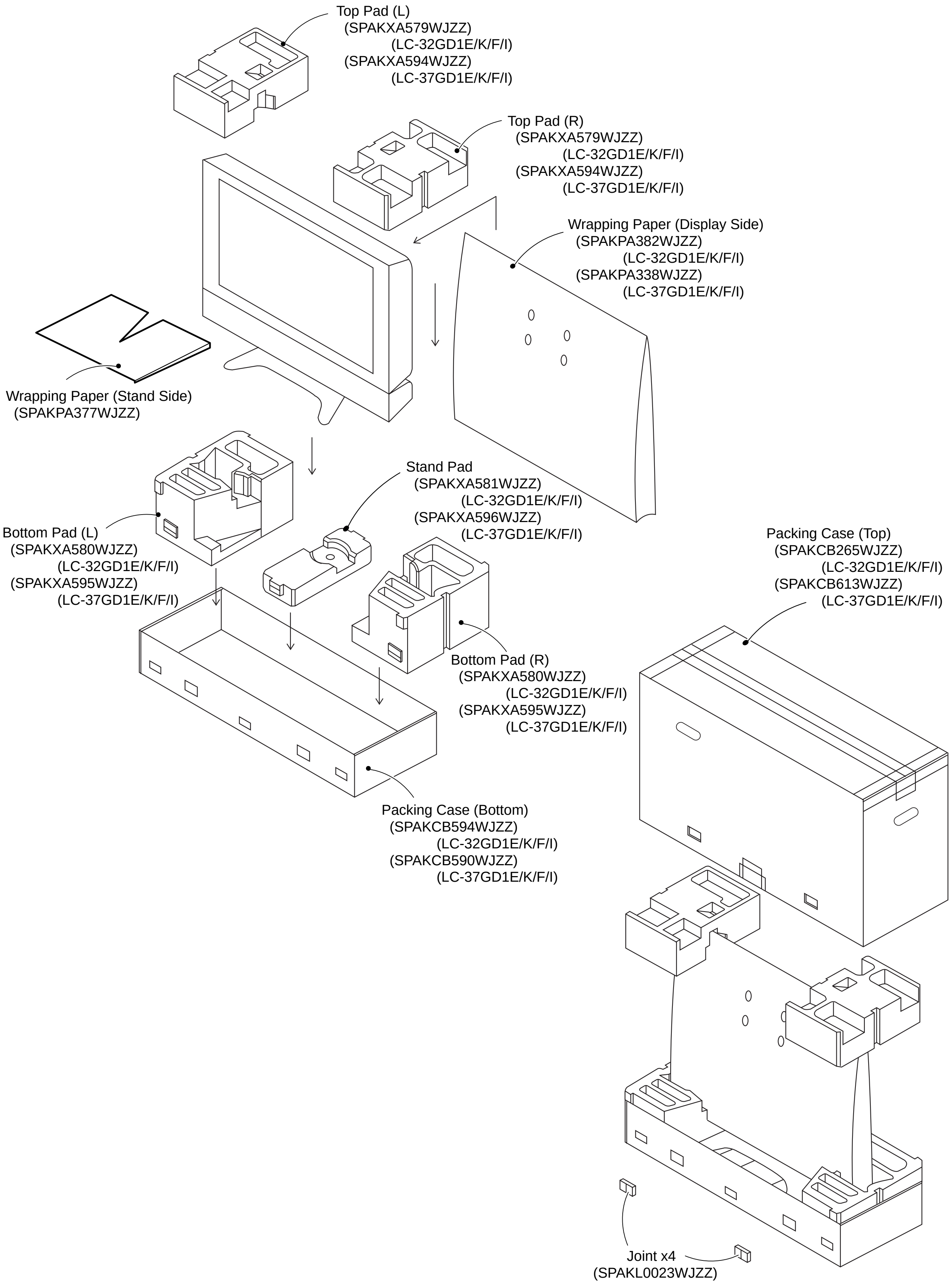
AC cord (x 1)	Cable clamp (x 1)
	

SERVICE JIGS

Ref. No.	Part No.	★	Description	Code
	QCNW-C222WJQZ	J	80pins FFC L=1000mm LCD CONT UNIT to LCD, x2	AW
	QCNW-C223WJQZ	J	12pins Connecting Cord L=1000mm LCD CONT to INVERTER1	AX
	QCNW-C224WJQZ	J	8pins Connecting Cord L=1000mm LCD CONT to INVERTER1 GND	AU
	QCNW-C225WJQZ	J	5pins Connecting Cord L=1000mm LCD CONT to KEY PWB	AQ
	QCNW-C226WJQZ	J	7pins Connecting Cord L=1000mm LCD CONT to POWER UNIT	AT

PACKING OF THE SET

LC-32/37GD1E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(LC-32GD1E/K/F/I)
(SPAKXA594WJZZ)
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Wrapping Paper (Display Side)
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Bottom Pad (L)
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Packing Case (Top)
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Bottom Pad (R)
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TQ1768-S
Jun. 2004 Printed in Japan

Design and Production Information
Design : Japan
Production : Japan

SY. DS

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